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FOREWORD

The AGMARKNET project, sponsored by the Directorate of Marketing and Inspection (DMI), Ministry of Agriculture, has made rapid strides since it was initiated with 210 nodes during October, 2000. The project has already expanded to about 2200 nodes across the country and further 1000 markets are expected to be networked under the project by 2007. The project has reached this stage due to relentless collaborative efforts of the involved organizations viz. the Directorate of Marketing and Inspection, State Marketing Boards/Directorates and Agricultural Produce Wholesale Markets facilitated by the National Informatics Centre at national, state and district level. With these collective and collaborative efforts, a national database of daily market prices and arrivals, covering about 300 commodities and 2000 varieties, has been evolved. This database is now being integrated with local language interfaces for easy understanding of the farming community. The project has generated valuable interest at the international level also. A team of officers of Agricultural Department of South Africa recently visited India to study this system.

For further strengthening of the project, NIC is organizing parallel training programmes through out the country with the help of its field units. These programmes aim at upgrading the ICT skills of market personnel and sensitizing them to maintain quality of information being reported to the AGMARKNET portal. To facilitate seamless flow of information to the portal, NIC has developed a new market level software based on .NET platform. This user manual covers details of various aspects of the application software and also facilitates smooth operationalization of the software at the market level. The software also facilitates generating various types of cumulative, comparative and trend reports for local analysis of market data.

NIC is committed to stakeholders of AGMARKNET to extend all technical support for the strengthening of Agricultural Marketing Information System in the country.

(N. Vijayaditya)

AGMARKNETTM
(Market Level Software)

Directorate of Marketing & Inspection
Department of Agriculture and Co-operation
Ministry of Agriculture
Government of India

User Manual

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1.1		Second Release	Performance Monitoring System Section added

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1. Introduction

1.1. Audience

The Personnel posted in wholesale markets covered under AGMARKNET will operate this software. Necessary training on computer handling and awareness and application software, for transmission of data will be provided to these officials.

1.2. Purpose of the document

This document intends to provide the operating instructions for the AGMARKNET software installed at Agricultural markets. It gives the detailed instructions of installing the software, entering data, transmitting it to DMI headquarters and generating market level reports. Besides this, it gives information about the product and its features, procedure to customize the application according to local requirements and problem reporting mechanism

1.3. Overview

Chapter 1 gives the brief introduction of the User Manual

Chapter 2 gives the features of the AGMARKNET Application.

Chapter 3 explains the instructions for installation of the AGMARKNET application

Chapter 4 explains the general operational procedures of the various modules of AGMARK Application.

Chapter 5 gives the details of AGMARKNET portal.

Chapter 6 explains the updation procedure of market profile

Chapter 7 lists out the responsibilities of the NIC, DMI and State Agricultural Marketing Boards.

1.4. Abbreviations

APEDA	Agricultural and Processed Food Products Export Development Authority
FAO	Food and Agriculture Organization of the United Nations
NAFED	National Agricultural Cooperative Marketing Federation of India Ltd
NHB	National Horticulture Board
NIAM	National Institute of Agricultural Marketing
NIC	National Informatics Centre
RAM	Random Access Memory
MRIN	Market Research Information Network
UPS	Uninterruptible Power Supply
URL	Uniform Resource Locator

1.5. Problem Reporting

For the technical support in operating software, markets may consult District Informatics Officers, National Informatics Centre. Technical problems in the software may be reported to the AGMARKNET State Coordinators of National Informatics Centre, who are working in close association with AGMARKNET Project Unit at NIC Headquarters.

For hardware related problems, you have to inform the local service centre of the vendor who supplied the system. Please note that only one vendor is responsible for all the supplied equipment and you have to lodge the complaint only with him. Kindly insist for the complaint number and maintain the records of when the complaint was lodged and when the system was actually operationalized. Please verify these details before signing on the call sheet submitted by the vendor. These details should be passed on to the NIC State/District AGMARKNET coordinator. For any clarifications, please take the help of NIC State/District Coordinators

2. Product Features

- ? Facilitates easy maintenance and updation of market arrivals, prices and transport data
- ? Automatically synchronizes the market centre database with the Headquarters database.
- ? Allows users to use the software in their local languages.
- ? Allows users to customize the software as per the local requirements.
- ? Allows users to generate different types of cumulative, comparative and trend reports facilitating analysis of market trends.

3. Installation Instructions

3.1. Hardware Requirements

The following are the minimum hardware required at the market centers to operate the AGMARKNET Application

- ✍ Pentium III 333 MHz or above with 128 MB RAM : One
 - ✍ Power Supply (500 VA Line Interactive UPS) : One
 - ✍ Printer (80 Column) : One
- (Supporting Hindi, English and a local language by default)

3.2. Software Requirements

- ✍ Operating System - Windows XP preloaded along with the Recovery CD
- ✍ MSMQ 3.0
- ✍ Indic Language Pack
- ✍ Application Software – “**AGMARKNET**”, developed using .net, to facilitate the daily flow of Market Information on prices and arrivals.

3.3. Other Requirements

- ✍ 1GB of Free Disk Space
- ✍ Internet connection should be available on the system to send the daily market data from the market centre to the DMI headquarters.

3.4. Installation Procedure

Installation of the software involves the following steps –

Step 1. Insert the AGMARK Software CD into the CD Drive. On Insert, the screen is displayed as shown in Figure-3.1. This Screen shows the various components that are required to be installed to complete the installation. Click Install.



Figure – 3.1

Step 2. If Microsoft .NET Framework is not installed on your system earlier, the Screen in Figure-3.2 will show up. Click Next.

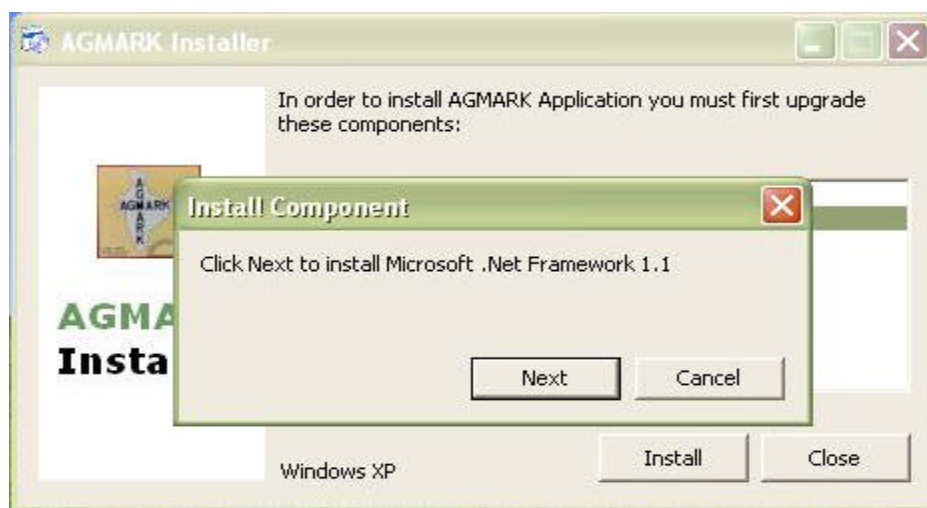


Figure – 3.2

Step 3. If Microsoft SQL Server Desktop Engine is not installed on your system earlier, the Screen in Figure-3.3 will show up. Click Next

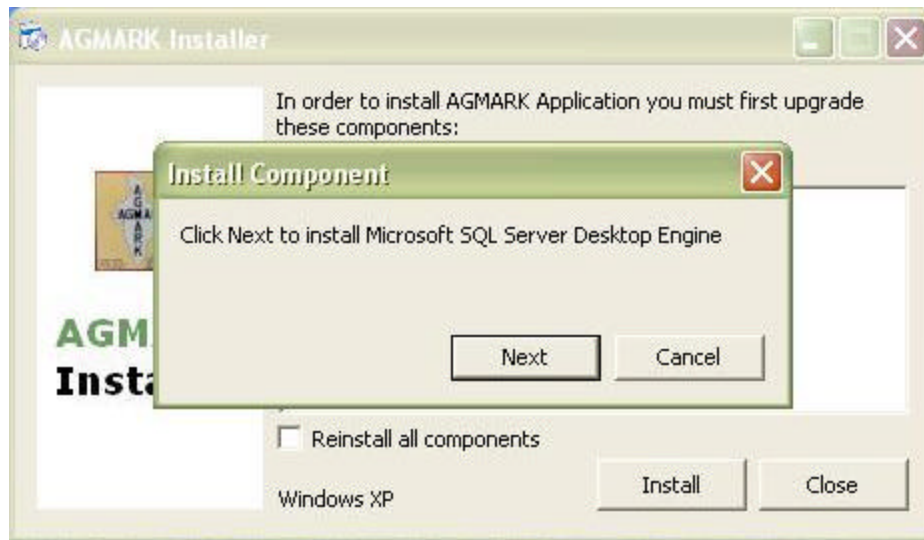


Figure – 3.3

Step 4. If MSMQ(Microsoft Messaging Queue) is not installed on your system earlier, the Screen in Figure-3.4 will show up. Click Next



Figure – 3.4

Step 5. If Indic Language Pack is not installed on your system earlier, the Screen in Figure-3.5 will show up. Click Next

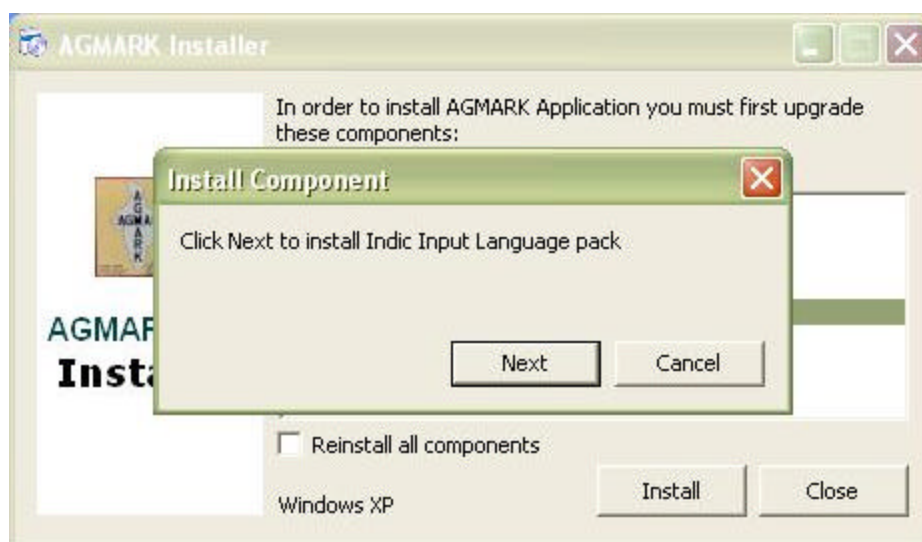


Figure – 3.5

Step 6. If AGMARK Software is not installed on your system earlier, the Screen in Figure-3.6 will show up. Click Next



Figure – 3.6

Step 7. The AGMARK Software installation will start and the Screen is displayed as shown in Figure-3.7. Click Next



Figure – 3.7

Step 8. Select the Location where you want to install the AGMARKNET Application as shown in Figure-3.8 and then Click Next

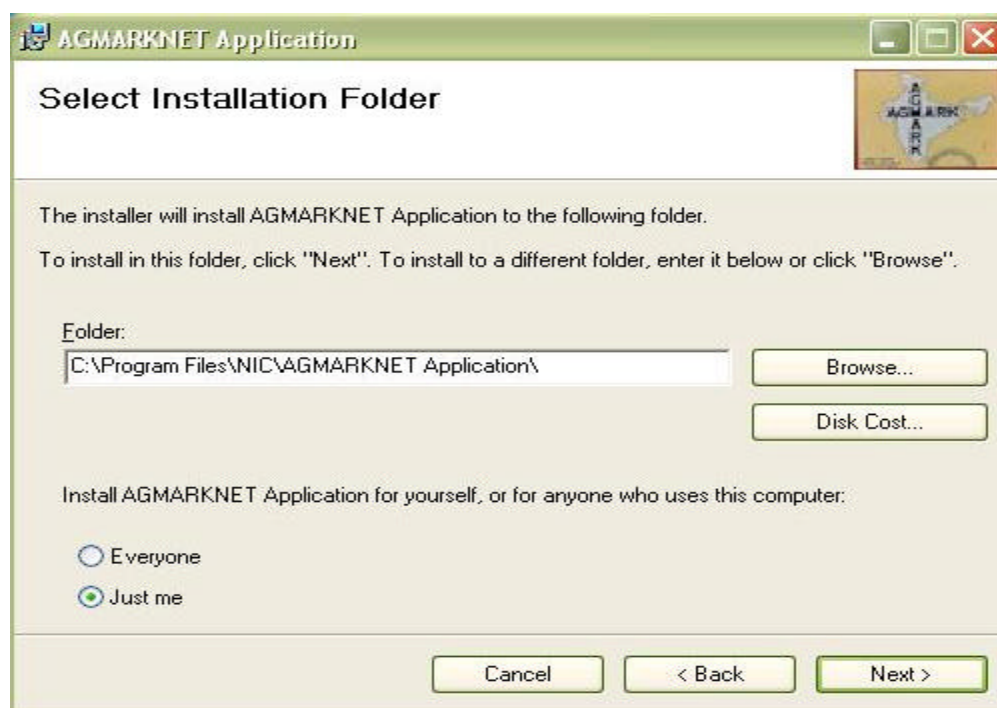


Figure – 3.8

Step 9. The screen is displayed as shown in Figure -3.9 indicating that the Application has been installed successfully. Click Close.

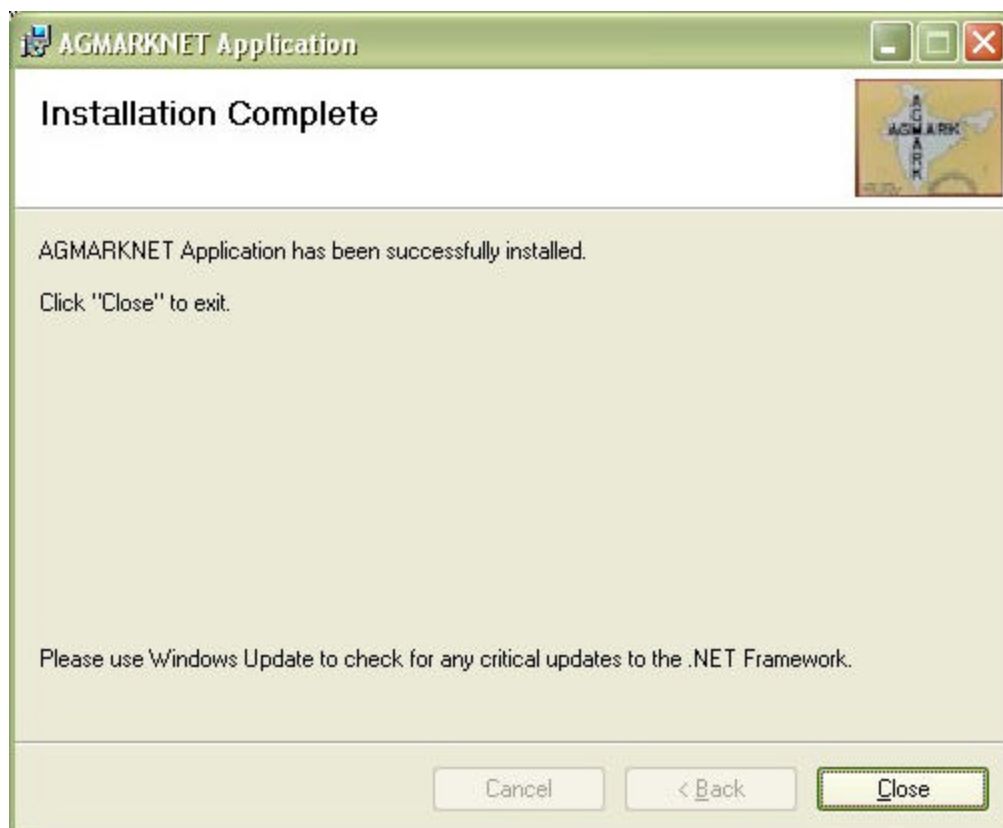


Figure – 3.9

Step 10. The Icon appears on the desktop as shown in Figure-3.10.



Figure – 3.10

Step 11. After clicking icon on desktop, the screen is displayed as shown in Figure-3.11 and has three sections. If you have been using the old Lotus Approach AGMARKNET Software then check the box “Do you have any existing Lotus Approach DBF data”. Select *Market Centre* from market centre dropdown.

Figure-3.11

Step 12. If you want to *Create New Market Centre* profile, then Select your Market Centre, First Local Language and the Second Local Language as shown in the Figure-3.12 and set the password by clicking check box ‘Set Password’. Enter the desired password in *Password* box and again enter the same password in *Confirm Password* box and then Click Proceed. . The Screen in Figure-3.14 will be shown up. Click “Ok”. After pressing ‘Ok’, a screen in Figure-3.15 will show up.

Figure-3.12

Step 13. If you check the box “Do you have any existing Lotus Approach DBF data” , enter the path of the DMI folder on your System as shown in Figure-3.13 and select Market Centre, Language1 and Language2 and then click Proceed. Wait until the data gets Imported Successfully.

Figure-3.13

Figure-3.14

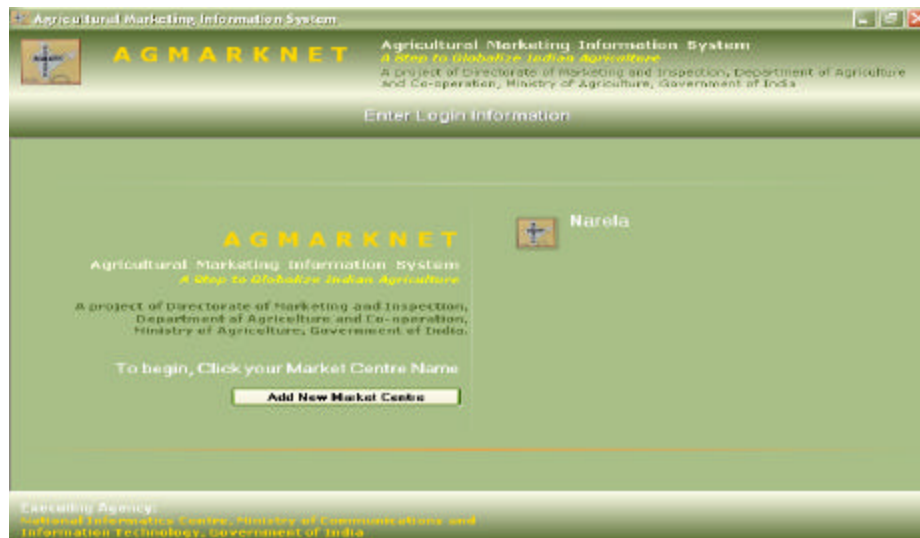


Figure-3.15

Step 14. For creation of additional market centre profile, click “Add New Market Centre” button. The screen in Figure-3.11 will show up and you have to proceed in same manner as mentioned above.

4. Operating Instructions

4.1. Software Invocation and Login Procedure

After successful installation the “AGMARKNET Application” icon will appear on the desktop. Double-click the icon to run the software. The screen will be displayed as shown in Figure– 4.1



Figure – 4.1

Initially no password has been given to the system. Click “Login” to go to next screen. The procedure for changing the password has been explained subsequently. After successful login, the main menu screen is displayed as shown in Figure – 4.2

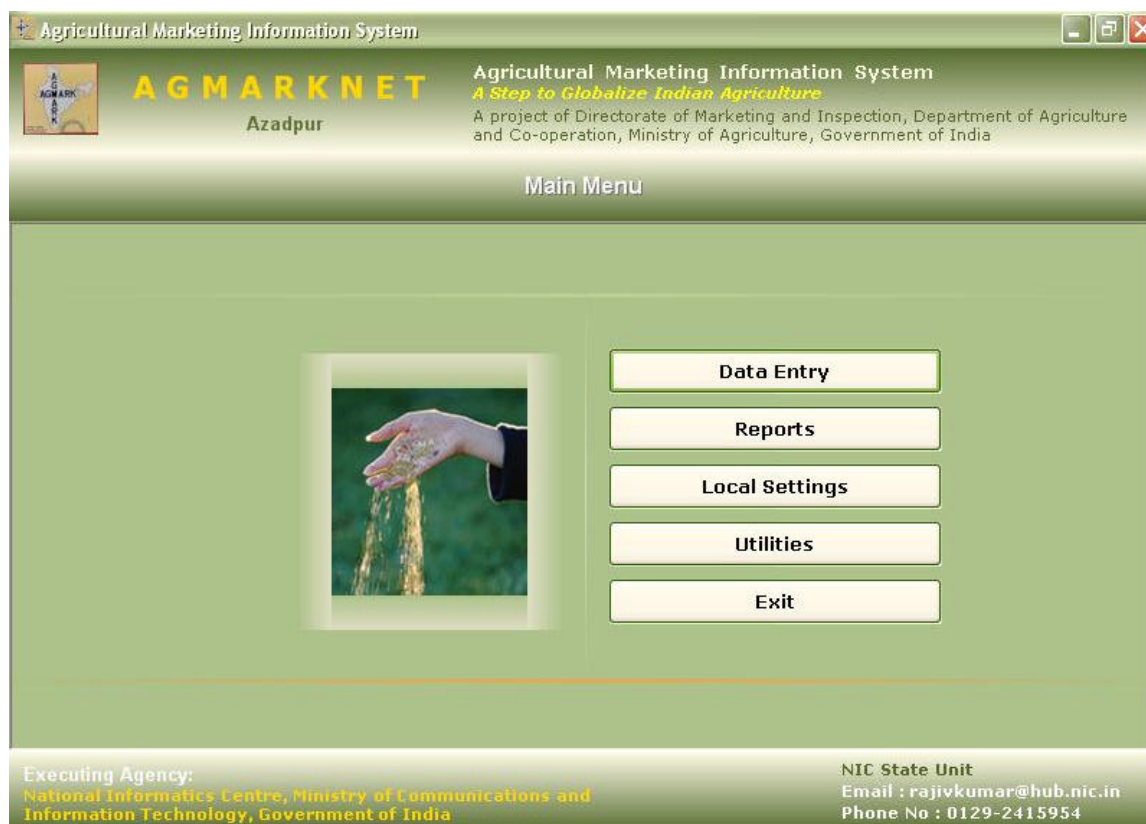


Figure – 4.2

4.2. Customization

The AGMARK software can be customized to make it suitable as per the requirements of your market by using the “Local Settings” option from the Main Menu. When you are using the software for the first time you should customize it before starting daily market data entry. To customize, click on the “Local Settings” option, the screen is displayed as shown in Figure 4.3.

By customizing the software you can

- ? Build the code directories in the local languages. This is essential for generating reports in local languages.
- ? Set the preferences to display only those commodities and varieties, which are relevant to the market and enter Unit conversion formula if the unit used by the market is different from the unit used by DMI for quantity arrivals and prices. (DMI units: for Quantity Arrivals – tons and for Prices - Rs./ Quintals).

? Enter the origin of the commodities arriving in the market.



Figure – 4.3

Note – The flexibility of customization allows you to do the above settings at any point of time as per the need.

The detailed procedure to customize the software has been explained below –

4.2.1. Build Code Directories

To Build the Code Directories in local languages select “Code Directories” option from the “Local Settings” (Figure 4.3).

Main Menu (Figure 4.2)

->Local Settings (Figure 4.3)

->Code Directory (Figure 4.4)

The Screen is displayed as shown in Figure – 4.4. You can select the code directory to be built from “Code Directory Menu” by selecting the name of that Code Directory.

The following “action” buttons have special role to play in all the code directories screens:

First – to go to the first record
 Previous – to go to the previous record
 Next – to go to the next record
 Last – to go to the last record

Please note –

In each screen the user can change the content displayed in white boxes only. The other boxes are used for displaying the information and its content cannot be changed.

To search a specific item, user can use search boxes provided on the screen. For e.g. for commodity group from commodity, select the Commodity Group from the Drop-Down Box with the name “Search Commodity Group”.



Figure – 4.4

Figures 4.5 to 4.14 show screens for various code directories.

4.2.1.1. Commodity Group Directory

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Back Commodity Group Directory Exit

Search Commodity Group
Beverages

Commodity Group Name: Beverages
Hindi Name:
Gujarati Name:

First Prev Next Last

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NIC State Unit
Email : rajivkumar@hub.nic.in
Phone No : 0129-2415954

Figure - 4.5

4.2.1.2. Commodity Directory

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Back Commodity Directory Exit

Filter Commodity Groups: All
Search Commodity: Ajwan

Commodity Name: Ajwan
Commodity Group: Spices
Hindi Name:
Gujarati Name:

First Prev Next Last

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Figure - 4.6

4.2.1.3. Variety Directory

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Back Variety Directory Exit

Filter Commodity Groups: All
 Filter Commodities: Ajwan
 Search Variety: Other

Variety Name: Other
 Commodity: Ajwan
 Hindi Name:
 Gujarati Name:
 First Prev Next Last

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Figure - 4.7

4.2.1.4. Grade Directory

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Back Grade Directory Exit

Search Grade: FAQ
 Grade Name: FAQ
 Hindi Name:
 Gujarati Name:
 First Prev Next Last

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Figure - 4.8

4.2.1.5. Unit Directory

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Back Unit Directory Exit

Search Unit

Box

Unit Name Box

Hindi Name

Gujarati Name

First Prev Next Last

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Figure- 4.9

4.2.1.6. District Directory

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Back District Directory Exit

Filter States Search District

All 24 Parganas

District Name 24 Parganas

State Name West Bengal

Hindi Name

Gujarati Name

First Prev Next Last

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Figure – 4.10

4.2.1.7. State Directory

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Back State Directory Exit

Search State
 Andaman & Nicobar

State Name Andaman & Nicobar
 Hindi Name
 Gujarati Name

First Prev Next Last

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NIC State Unit
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Figure – 4.11

4.2.1.8. Market Centre Directory

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Back Market Centre Directory Exit

Market Centre Code 4747
 Market Centre Name Azadpur
 Address
 Hindi Name
 Hindi Address
 Gujarati Name
 Gujarati Address

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Figure – 4.12

4.2.1.9. Transport Type Directory

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Back Transport Type Exit

Search Transport
Animal cart

Transport Name: Animal cart
Hindi Name:
Gujarati Name:

First Prev Next Last

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Figure – 4.13

4.2.1.10. Origin Directory

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Back Origin Directory Exit

Filter States: All Filter Districts: Agra Search Origin: Aligarh

Origin Name: Aligarh
District: Agra
State: Uttar Pradesh
Hindi Name:
Gujarati Name:

First Prev Next Last

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Figure – 4.14

4.2.2. Set Local Preferences

Before making daily data entry, user can set the display and unit preferences as per the local requirements. To set these local preferences, Select

Main Menu (Figure – 4.1.3)

-> Local Settings (Figure - 4.2)

-> Local Preferences (Figure - 4.15)

4.2.2.1. Set Display Preferences

User can select commodities and varieties pertaining to his market or depending on the season. For e.g. user may desire to display mango on the screen while entering the data only in summer. User can also specify the order in which these commodities and varieties are to be displayed. You can select the commodity group under which you want to set the preferences. When you select a particular Commodity Group, you will notice that the commodities belonging to that group will be displayed on the left side and the varieties of the current selected commodity on the right side. Specify the commodities to be displayed by clicking the box provided next to that commodity in the display column. (? sign will appear when left button of mouse is clicked.). You can deselect the commodity by clicking the box again. User can also set the sequence of commodities in which order he wants to display the commodities while entering the data. The “Select All” and “Deselect All” buttons are used to select and deselect all the commodities respectively.

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Back Local Preferences Exit

Commodity Group
Cereals

Select All

Display	Commodity	Sequence	Unit
☐	Bajra		Tonne
☒	Barley	1	Tonne
☒	Beaten Rice	6	Tonne
☒	Hybrid Cumbu	2	Tonne
☒	Jowar	5	Tonne
☒	Maize	3	Tonne
☒	Navane	1	

First Prev

Select All

Display	Variety	Sequence	Unit
☒	Deshi Red		Quintal
☐	Deshi White		Quintal
☐	Fine		Quintal
☐	Gajjar		Quintal
☐	H.Y.V.		Quintal
☐	H.Y.V.(White)		Quintal
☐	Hybrid		Quintal

First Prev Next Last

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Figure – 4.15

User also has choice to display only those varieties, which are relevant to his market. To set preferences for varieties of the selected commodity, select the varieties and set the sequence (as shown in the Figure – 4.16) in the similar manner as explained above for commodities.

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Back Local Preferences Exit

Commodity Group
 Cereals

Select All

Display	Commodity	Sequence	Unit
☐	Bajra		Tonne
☒	Barley	1	Tonne
☒	Beaten Rice	6	Tonne
☒	Hybrid Cumbu	2	Tonne
☒	Jowar	5	Tonne
☒	Maize	3	Tonne
☒	Navane	4	Tonne

First Prev Next Last

Select All

Display	Variety	Sequence	Unit
☐	Deshi Red		Quintal
☒	Deshi White	1	Quintal
☒	Fine	2	Quintal
☒	Gajjar	1	
☒	H.Y.V.	2	
☒	H.Y.V.(White)	3	
☒	Hybrid	4	
☐		5	
☐		6	

First Prev Next Last

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Figure – 4.16

4.2.2.2. Set Local Units

4.2.2.2.1. Set Local Units for Arrivals

The user has to enter unit conversion formula when unit used by market is different from the standard unit used by DMI for the quantity arrivals (Tonnes).

If the user changes the local unit of arrival of a commodity, then a unit conversion formula has to be specified for which the screen shown in Figure-4.18 will be displayed. Enter the conversion formula and click “Ok” button.

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Back Local Preferences Exit

Commodity Group
Cereals

Select All

Display	Commodity	Sequence	Unit
☐	Bajra		Tonne
☒	Barley	1	Tonne
☒	Beaten Rice	6	Tonne
☒	Hybrid Cumbu	2	Tonne
☒	Jowar	5	Quintal
☒	Maize	3	No
☒	Navane	4	Kilogram

First Prev Next

Select All

Display	Variety	Sequence	Unit
☒	Other	1	Quintal

First Prev Next Last

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Figure 4.17

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Back Local Preferences Exit

Commodity Group
Cereals

Select All

Display	Commodity
☐	Bajra
☒	Barley
☒	Beaten Rice
☒	Hybrid Cumbu
☒	Jowar
☒	Maize
☒	Navane
☐	Paddy

First Prev Next Last

Unit Conversions for Jowar

Local Unit	Std. Unit
☐ 10 Quintal	1 Tonne
☐ 1 No	1 Tonne
☐ 1000 Kilogram	1 Tonne
☐ 1000000 Gram	1 Tonne
☐ 1 Wagon	1 Tonne
☒ 1 Box	1 Tonne
☐ 1 Man	1 Tonne

OK Cancel

for Jowar

Sequence	Unit
	Quintal
	Quintal
	Quintal
	Quintal
	Quintal
	Quintal
	Quintal
	Quintal
	Quintal
	Quintal

First Prev Next Last

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Phone No : 0129-2415954

Figure – 4.18

4.2.2.2. Set Local Units for Prices

The user can also set the variety unit for prices as per the local requirements using the above option as shown in Figure 4.19. The user has to enter unit conversion formula when unit used by market for reporting prices is different from the standard unit specified by DMI (Rs./Quintal) for the particular variety of a selected commodity. If user changes the local unit for Prices in Variety Directory, the screen is displayed as shown in Figure-4.18. Enter the conversion formula and click “Ok” button.

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Back Local Preferences Exit

Commodity Group
 Cereals

Select All

Display	Commodity	Sequence	Unit
☐	Bajra		Tonne
☒	Barley	1	Tonne
☒	Beaten Rice	6	Tonne
☒	Hybrid Cumbu	2	Tonne
☒	Jowar	5	Tonne
☒	Maize	3	Tonne
☒	Navane	4	Tonne

First Prev Next Last

Select All

Display	Variety	Sequence	Unit
☐	Bold		Quintal
☐	Chausa		Quintal
☒	Deshi	1	Quintal
☒	Dusheri	2	Quintal
☒	Dusheri (Lucknow)	3	Quintal
☐	Dusheri (Saharabpur)		No
☐	Fazli		Kilogram

First Prev Next

Unit: Quintal, No, Kilogram, Gram, Wagon, Box, Tonne, Man

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Figure – 4.19

4.2.3. Set Origin Wise Varieties

If the different varieties of commodities are arriving in the market from different places then user can enter this information, so that he will be able to enter the origin wise prices of the varieties.

To enter the origin of various varieties of the commodities, select

Main Menu (Figure 4.2) -> Local Settings (Figure 4.3) -> Origin wise Variety (Figure 4.20)

After clicking the “Origin wise Variety” option, the screen will be displayed as shown in Figure – 4.21.

Click the “Add New Record” button. The Screen will be displayed as shown in Figure 4.21. Select the commodity by clicking the down arrow shown against commodity. The same procedure can be adopted for variety, state and district and origin. After entering all the information, save this data by clicking the “Save” button.

Please note –

- If you only know the name of the state from where the variety is arriving select the state. There is no need to select district and origin in this case.
- If you know the name of the district from where the variety is arriving you can select state and district. There is no need to select origin in this case.
- To enter the origin place within district, that place should be available in the Origin Code Directory.

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Back Origin Wise Data Entry Exit

Filter Commodities Filter Varieties

Paddy A. Ponni

Add New Record Edit this Record Delete this Record

Commodity Paddy

Variety A. Ponni

State Arunachal Pradesh

District East Siang

Origin

First Prev Next Last

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Figure – 4.20

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Back Origin Wise Data Entry Exit

Commodity
Variety
State
District
Origin

Save Cancel

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Figure- 4.21

4.2.4. Report Headings in Local Languages

This screen gives the provision to the user to enter the headings in the local languages as to be displayed in various reports. For this select

- Main Menu (Figure 4.2)
- >Local Settings (Figure 4.3)
- >Report Headings (Figure 4.22)

The screen is displayed as shown in Figure-4.22. Enter the headings of reports in local languages.

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Back Report Headings Exit

Select Report
 Annual Report of Market Arrivals for the Year @Year@

Report Name	Hindi Name	Gujarati Name
Annual Report of Market Arrivals for the Year		

Heading Name	Hindi Name	Gujarati Name
April		
Aug		
Commodity		
Dec		
Feb		

First Prev Next Last

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Figure – 4.22

4.2.5. Set Local Language Settings

This option is used to set the local languages of the application. After clicking this option, the screen will be displayed as shown in Figure-4.23. Select the languages that you want to use in the application.

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Back Local Language Settings Exit

Select Language1 Hindi

Select Language2 Gujarati

Save Cancel

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Figure – 4.23

4.2.6. Set Market Centre Information

This option is used to set the Market Centre Email Address and Phone No. After clicking this option, the screen will be displayed as shown in Figure-4.24. Enter the market centre email address and Phone No, and then click on Save. After clicking “Save” button”, the information will be sent automatically to DMI headquarters, whenever internet connection is established.

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Back Market Centre Information Exit

Market Centre Email Address test23@nic.in

Market Centre Phone No 7837489342

Save Cancel

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Figure – 4.24

4.3. Data Entry

To enter the information of quantity arrivals, prices, transport and origin select the data entry option from Main Menu.

Main Menu (Figure – 4.2) -> Data Entry

After selecting the “Data Entry” option, the screen will be displayed as shown in Figure – 4.25



Figure – 4.25

4.3.1. Daily Market Data Entry

Select “Daily Market Data Entry” option from the Data Entry Menu to enter the quantity arrivals and prices information.

Main Menu -> Data Entry -> Daily Market Data Entry

After selecting this option, the screen will be displayed as shown in Figure-4.26

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Back Daily Market Data Entry Exit

Select Date: 02/8/2005

Search Commodity: Barley Show Prices

Commodity	Arrival	Local Unit	Arrival	Std. Unit	General Trend
Barley	0.00	Tonne	0.00	Tonne	Normal
Hybrid Cumbu	0.00	Tonne	0.00	Tonne	Normal
Maize	32.00	Tonne	32.00	Tonne	Normal
Navane	23.00	Tonne	23.00	Tonne	Normal
Jowar	32.00	Tonne	32.00	Tonne	Normal
Beaten Rice	0.00	Tonne	0.00	Tonne	Normal
Ragi	0.00	Tonne	0.00	Tonne	Normal
Rice	0.00	Tonne	0.00	Tonne	Normal
Saie	0.00	Tonne	0.00	Tonne	Normal

Send Market Data Report Send No Transaction Report

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Figure – 4.26

The current date will be selected by default which will let you enter the data for the current date. In case, you want to enter the data of a previous date, then click on the box with the name “Select Date” and choose the required date as shown in Figure-4.27, this will show you the data entry screen for the selected date.

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Back Daily Market Data Entry Exit

Select Date: 02/8/2005

Search Commodity: Barley Show Prices

Commodity	Arrival	Local Unit	Arrival	Std. Unit	General Trend
Barley	0.00	Tonne	0.00	Tonne	Normal
Hybrid Cumbu	0.00	Tonne	0.00	Tonne	Normal
Maize	32.00	Tonne	32.00	Tonne	Normal
Navane	23.00	Tonne	23.00	Tonne	Normal
Jowar	32.00	Tonne	32.00	Tonne	Normal
Beaten Rice	0.00	Tonne	0.00	Tonne	Normal
Ragi	0.00	Tonne	0.00	Tonne	Normal
Rice	0.00	Tonne	0.00	Tonne	Normal
Saie	0.00	Tonne	0.00	Tonne	Normal

Send Market Data Report Send No Transaction Report

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Figure – 4.27

Enter Quantity-Arrivals in Local unit and select General Trend using this screen. The quantity-arrival in standard unit (being used by DMI) will be calculated automatically by the system as shown in Figure – 4.28. If these two units are different, then unit conversion formula entered by the user will be used for the calculation. (Figure 4.28A)

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Back Daily Market Data Entry Exit

Select Date: 02/8/2005

Search Commodity: Maize Show Prices

Commodity	Arrival	Local Unit	Arrival	Std. Unit	General Trend
Barley	0.00	Tonne	0.00	Tonne	Normal
Hybrid Cumbu	0.00	Tonne	0.00	Tonne	Normal
Maize	32.00	Tonne	32.00	Tonne	Normal
Navane	23.00	Tonne	23.00	Tonne	Normal
Jowar	32.00	Tonne	32.00	Tonne	Normal
Beaten Rice	0.00	Tonne	0.00	Tonne	Normal
Ragi	0.00	Tonne	0.00	Tonne	Normal
Rice	0.00	Tonne	0.00	Tonne	Normal
Saia	0.00	Tonne	0.00	Tonne	Normal

Send Market Data Report Send No Transaction Report

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Figure – 4.28

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Back Daily Market Data Entry Exit

Unit Conversions for Paddy

Local Unit	Std. Unit
4.00 Kilogram	0.00 Tonne
4.00 Man	1.00 Tonne
5.00 Quintal	0.50 Tonne
1.00 Wagon	5.00 Tonne

OK Cancel

Commodity: Paddy Arrival: 0.00 Local Unit: Wagon Std. Unit: Tonne General Trend: Normal

Send Market Data Report Send No Transaction Report

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Figure – 4.28A

For entering price details of specific commodity, click the button “Show Prices”. The screen will be displayed as shown in Figure 4.29.

Enter the variety wise minimum, maximum and modal prices for a selected commodity. The system checks the validity of the prices such as –

- Minimum price should be less than modal and maximum price
- Modal price should be less than maximum price and greater than minimum price

The appropriate error messages are displayed by the system.

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Back Daily Market Data Entry Exit

Select Date: 02/8/2005

Search Commodity: Paddy Hide Prices

Commodity	Arrival	Local Unit	Arrival	Std. Unit	General Trend
Paddy	1.30	Wagon	6.50	Tonne	Normal

Varieties for Paddy

Variety	Grade	Origin State	Origin District	Origin Place	Min Price	Max Price	Mod Price	Local Unit	Min I
5001	FAQ				0.00	0.00	0.00	Quintal	
1001	FAQ				0.00	0.00	0.00	Quintal	
930	FAQ				0.00	0.00	0.00	Quintal	
A. Ponni	FAQ	Arunachal Pra	East Siang		0.00	0.00	0.00	Quintal	
ADT 36	FAQ				0.00	0.00	0.00	Quintal	

Send Market Data Report Send No Transaction Report

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Figure- 4.29

After entering the prices, you can either keep the varieties showing and enter both the quantities and the prices at the same time by selecting desired commodity using scroll bar in commodity window or you can hide the varieties by clicking the “Hide Varieties” Button and follow the same procedure from Figure-4.27 to Figure – 4.29 for each commodity. Once you complete the data entry for the selected date, you can click on the “Send Market Data Report” button to create the text files for arrivals and prices.

After clicking the ‘Send Market Data Report’ button, if the data transfer method is “Generate text files and send data thro’ email” then the data will be converted to the text files and the names of these text files will be displayed on the screen as shown in Figure-4.30. If the data transfer method chosen by user is “automatic transfer” then the report

will be sent to messaging queue automatically and transfer to DMI headquarters whenever the internet connection is established. The procedure to choose the data transfer method has been explained subsequently.

The system will built the name of the text files to be sent as

“XXX” + market center code + year + month + day

e.g. the file name for “Daily Price Information” will be “dpi472003210” where

- dpi** - indicates “Daily price information”
- 47** - indicates market center code (It is the market centre code for Azadpur market. Your market code is different).
- 2003** - indicates year
- 2** - indicates month
- 10** - indicates day of the date for which data is being sent.

Here

dpi stands for Daily Price Information and
dqi stands for Daily Quantity arrival Information

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Back Daily Market Data Entry Exit

Select Date: 02/8/2005

Search Commodity: Paddy Show Prices

Commodity	Arrival	Local Unit	Arrival	Std. Unit	General Trend
Jowar			2.00	Tonne	Normal
Beaten Rice			0.00	Tonne	Normal
Ragi			0.00	Tonne	Normal
Rice			0.00	Tonne	Normal
Sajje			0.00	Tonne	Normal
Same/Savi	0.00	Tonne	0.00	Tonne	Normal
Soji	0.00	Tonne	0.00	Tonne	Normal
Paddy	1.30	Wagon	6.50	Tonne	Normal

AGMARKNET Application
 Market Data Report Send to Queue Successfully!
 OK

Send Market Data Report Send No Transaction Report

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Figure – 4.30

There is a provision to notify the headquarters of the day when **there are no transactions in the market**. For this, just select the date and click on “Send No Transaction Report” as shown in Figure 4.31. A file with the name “dnt + market center code + year + month + day” will be generated which you will be required to send to the headquarters.

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Back Daily Market Data Entry Exit

Select Date: 02/6/2005

Search Commodity: Barley Show Prices

Commodity	Arrival	Local Unit	Std. Unit	General Trend
Barley	0.00	Tonne	Normal	
Hybrid Cumbu	0.00	Tonne	Normal	
Maize	0.00	Tonne	Normal	
Navane	0.00	Tonne	Normal	
Jowar	0.00	Tonne	Normal	
Beaten Rice	0.00	Tonne	Normal	
Ragi	0.00	Tonne	Normal	
Rice	0.00	Tonne	Normal	
Saite	0.00	Tonne	Normal	

AGMARKNET Application
 No Transaction Report Send to Queue Successfully!
 OK

Send Market Data Report Send No Transaction Report

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Figure – 4.31

4.3.2. Daily Transport Information

Select “Transport Information” option from the Data Entry Menu to enter the quantity arrivals and prices information.

Main Menu -> Data Entry -> Transport Information

After selecting this option, the screen will be displayed as shown in Figure – 4.32

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Back Transport Data Entry Exit

Select Date: 02/8/2005

Transport Vehicle	No of Vehicles Used
Animal cart	0
Bullock Cart	0
Bus	0
Cycles	0
Human Loads	0
Mini Truck	0
Tempos	0
Three Wheeler	0
Tractor	0

Send Transport Data Report

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Figure- 4.32

The current date will be selected by default which will let you enter the data for the current date. In case, you want to enter the data of a previous date, then click on the “Select Date” box and choose the required date as shown in Figure-4.33, this will show you the data entry screen for the selected date.

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Back Transport Data Entry Exit

Select Date: 02/8/2005

August, 2005

Sun	Mon	Tue	Wed	Thu	Fri	Sat
31	1	2	3	4	5	6
7	8	9	10	11	12	13
14	15	16	17	18	19	20
21	22	23	24	25	26	27
28	29	30	31	1	2	3
4	5	6	7	8	9	10

Today: 8/2/2005

Transport Vehicle	No of Vehicles Used
Animal cart	0
Bullock Cart	0
Bus	0
Cycles	0
Human Loads	0
Mini Truck	0
Tempos	0
Three Wheeler	0
Tractor	0

Send Transport Data Report

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Figure – 4.33

After clicking the “Generate Transport Data” button, if the data transfer method is “Generate text files and send data thro’ email” then the data will be converted to the text file and the name of the text file will be displayed on the screen. The file will be generated by the name

“dti” + market center code + year + month + day

for e.g. dti472003210 (dti-daily transport information, 47 – market center code, 2003 – year, 2 – month, 10 – day). Please note that here ‘47’ is shown just for the purpose of explaining. Your market code is different.

The text files generated can be transferred as an attachment using electronic mail service (e-mail). E-mail has to be sent to agmark@nic.in.

After generation, data can be transferred to DMI headquarters in Faridabad automatically if the data transfer method chosen by user is “automatic transfer”. The procedure to check “data pending status” has been explained subsequently.

Please note that the AGMARK Node has to connect to the identified Internet Service Provider (ISP) as per the instructions given by them.

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Back Transport Data Entry Exit

Select Date: 02/8/2005

Transport Vehicle	No of Vehicles Used
Animal cart	0
Tempos	0
Three Wheeler	0
Tractor	0

AGMARKNET Application
 Transport Data Report Sent to Queue Successfully!
 OK

Send Transport Data Report

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NIC State Unit
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 Phone No : 0129-2415954

Figure- 4.34

4.4. Utilities

User can take back up, restore it, change password, delete text files created for sending the information, change the local language settings using Utilities Menu.

To select it, click “Utilities” option from Main Menu Screen (Figure-4.2).

Main Menu -> Utilities

After selecting it, the screen will be displayed as shown in Figure-4.35.



Figure - 4.35

4.4.1. View Text Files

This option will show up under Utilities only if the data transfer method chosen by user is “Generate text files and send data thro’ email”. To view these files, click on the ‘View Text Files’ Option and the screen in Figure – 4.36 will show up.

Main Menu (Figure 4.2) -> Utilities (Figure 4.35) -> View Text Files

This screen shows you folders for each date on which you have generated data

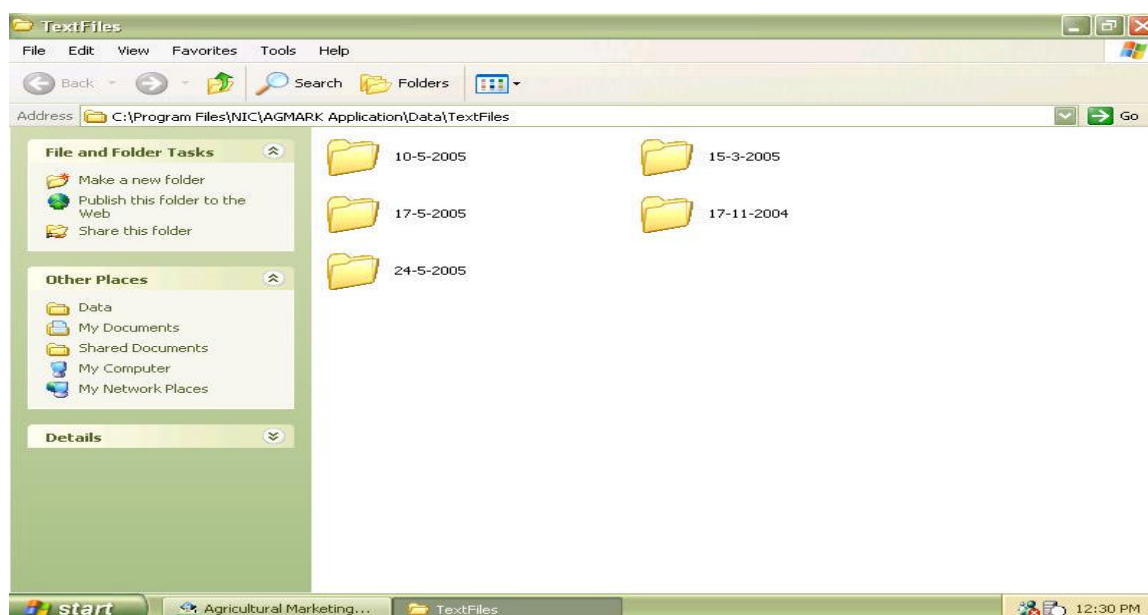


Figure – 4.36

If you click one of these folders, it shows the text files generated for that particular date as shown in Figure-4.37.

User can transfer this data by sending email to agmark@nic.in. The text files generated after entering daily market data can be sent as attachments.

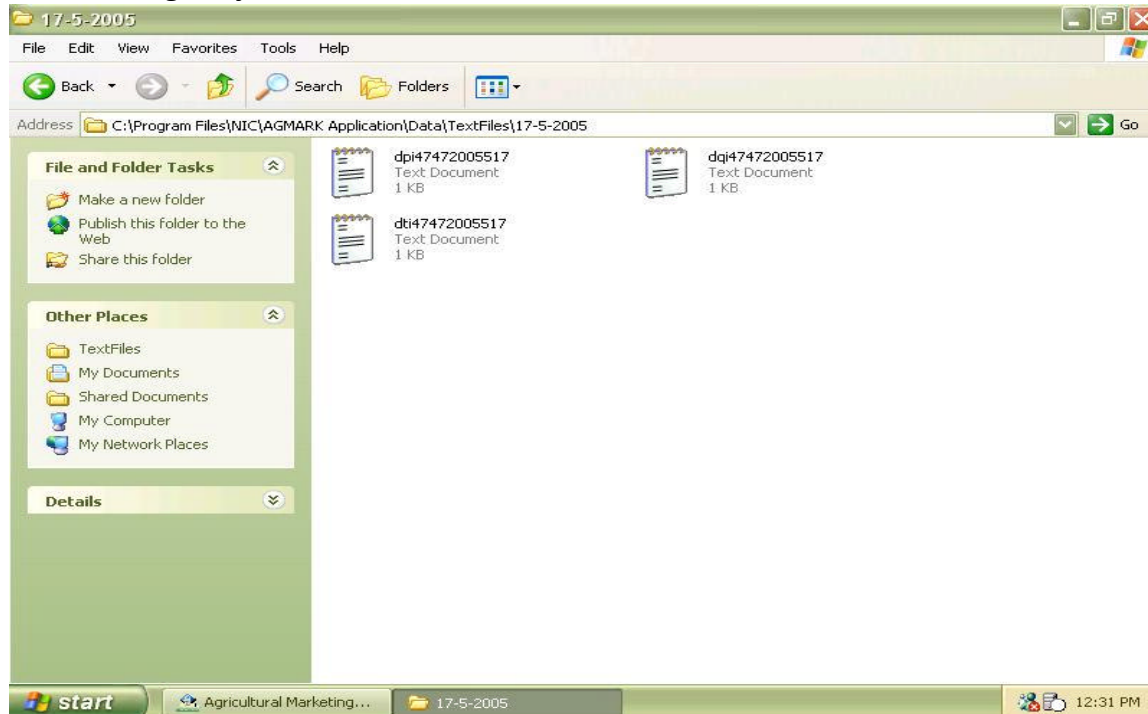


Figure – 4.37

4.4.2. Check Pending Data Status

This option is used when you are using the automatic procedure to send data to the headquarters.

To check pending data status click

Main Menu (Figure 4.2) -> Utilities (Figure 4.35) -> Check pending data status

Check if there is pending data to be sent to the headquarters. If yes, then you should connect to the internet to allow the data to get transferred to the headquarters.

Also, if you are using the automatic transfer method, then you will see an icon in the system tray which tells you whether there is any pending data to be sent or not. This icon is red as shown in figure 4.4.2.1 else it will always be green as shown in 4.4.2.2



Figure 4.4.2.1



Figure 4.4.2.2

The figure 4.4.2.3 shows the status if there is pending data to be sent.



Figure 4.4.2.3

4.4.3. Set Data Transfer Method

This option is used to set the Data Transfer Method. After clicking this option, the screen will be displayed as shown in Figure-4.2.6.1. Select Automatic Transfer Method if you want the data to be automatically transferred to the headquarters or Select Text File Generation Method



Figure 4.4.3.1

4.4.3. Change Password

This option is used to change the password of the system.

To change password click

Main Menu (Figure 4.2) -> Utilities (Figure 4.35) -> Change Password

After clicking this option, the screen will be displayed as shown in Figure-4.38. To change the password, enter the old password, the new password and its confirmation and then click on Save.

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Back Change Password Exit

Old Password

New Password

Confirm Password

Save Cancel

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Figure – 4.38

After pressing “Save” button, the screen will be displayed in Figure-4.39.

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Back Change Password Exit

Old Password

New Password

Confirm Password

Save Cancel

AGMARKNET Application

Password Changed Successfully

OK

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Phone No : 0129-2415954

Figure – 4.39

4.4.4. Update Database

At present, there is provision for entering the prices and arrivals data for more than 300 commodities and 2000 varieties.

But, the application software "AGMARK" facilitates for all commodities being transacted in the Wholesale Market for their own use and analysis, in addition to meeting the requirements of DMI, provided the Wholesale Markets give complete details of the commodities transacted with respect to their **varieties, grades, and places** of origin.

Wholesale Markets can send these details through e-mail to the following address

E-Mail : agmark@nic.in

At DMI Headquarters the uniform codes will be given to the commodities, varieties, grades and places of origin. These codes will be communicated to the Market Centres through the SQL files. Market Centre can update his code directories using these SQL files by selecting

Main Menu (Figure 4.2) -> Utilities (Figure 4.35) -> Update Database

The screen will be displayed as shown in Figure- 4.40



Figure – 4.40

Select the update file (SQL file) by using “Browse” button and click on Update Directory.

4.4.5. Backup Database

This option is used to take the backup of the database.

To take the backup of database, select

Main Menu (Figure 4.2) -> Utilities (Figure 4.35) -> Backup Database

After selecting the “Backup Database” option, the screen will be displayed as shown in Figure-4.42. Select the location where you want to save the backup file and then click on Backup. The backup file will be saved at the selected location.

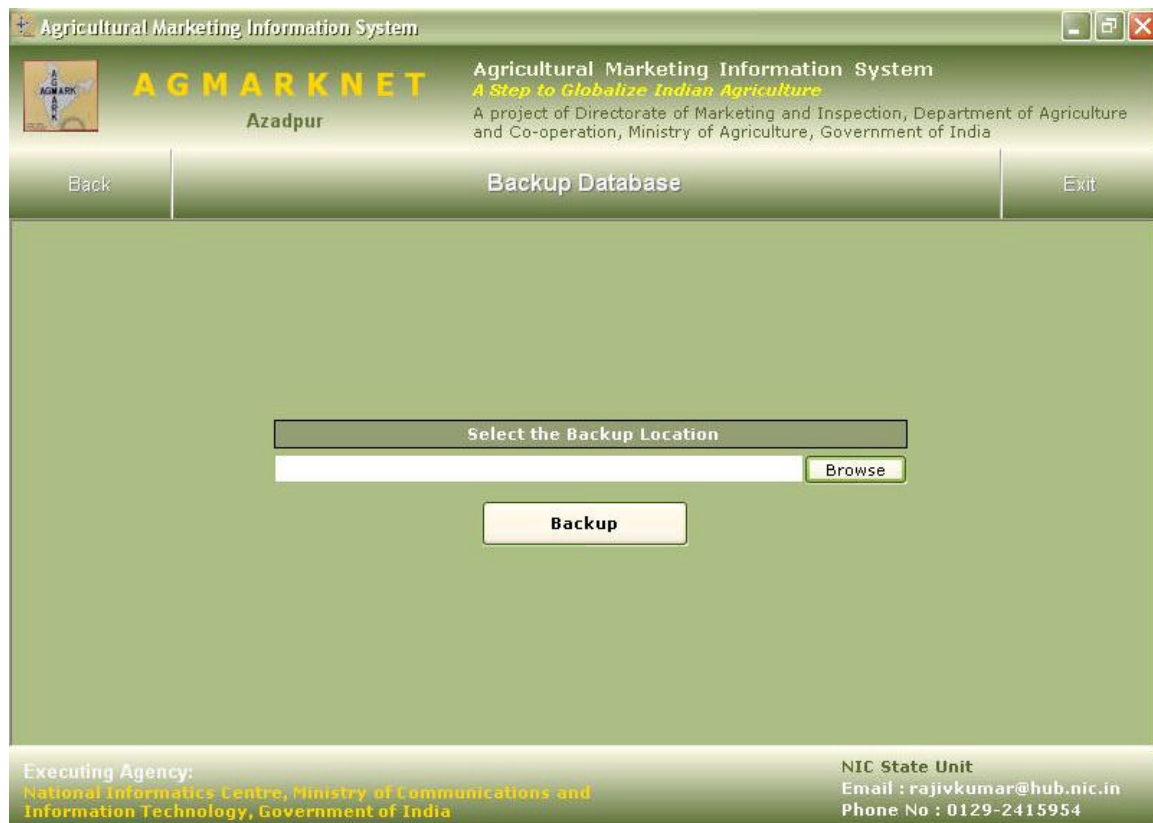


Figure – 4.42

4.4.6. Restore Database

This option is used to restore the database from the backup file.

To restore database, select

Main Menu (Figure 4.2) -> Utilities (Figure 4.35) -> Restore Database

After selecting the “Restore Database” option, the screen will be displayed as shown in Figure-4.43. Select the backup file using “Browse” button and then click on Restore. This will restore the database from the selected backup file. After restoring the database, you will be prompted to restart the application.

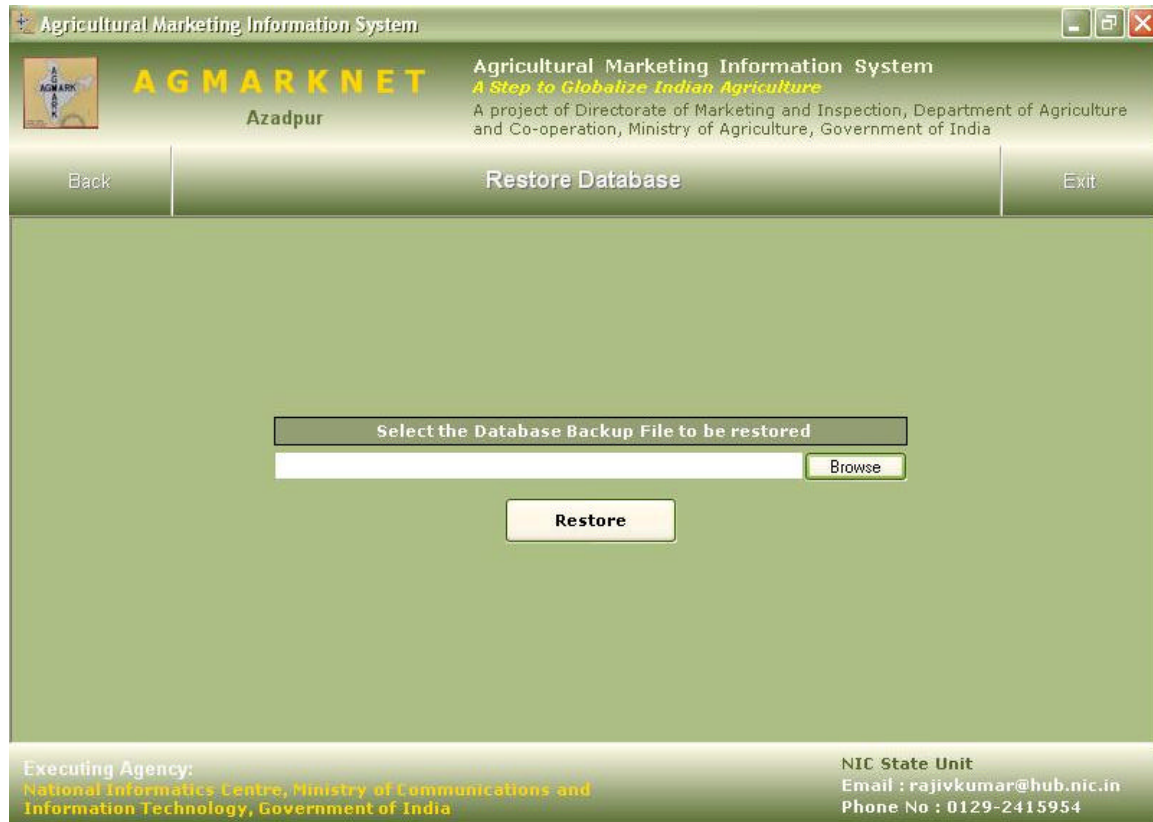


Figure – 4.43

4.5. Reports

To view and print various reports, select

Main Menu (Figure 4.2) -> Reports

After selecting the “Reports” option, the screen will be displayed as shown in Figure-4.44.



Figure – 4.44

4.5.1. Daily Market Bulletin Report

This option is used to generate the Report on Market Arrivals and Prices of Commodities on a Selected Day. After selecting this option the screen will be displayed as shown in Figure-4.45. Following are the steps required to generate the report:

- Select the Language in which the report is to be generated,
- Select the Day for which the report is to be generated



Figure 4.45

After clicking the “View Report” button the report will be generated as shown in Figure-4.46. Click the “Print” button to print this report.



BULLETIN REPORT OF MARKET ARRIVALS AND PRICES AS ON 10/01/2005
Market Centre : NARELA

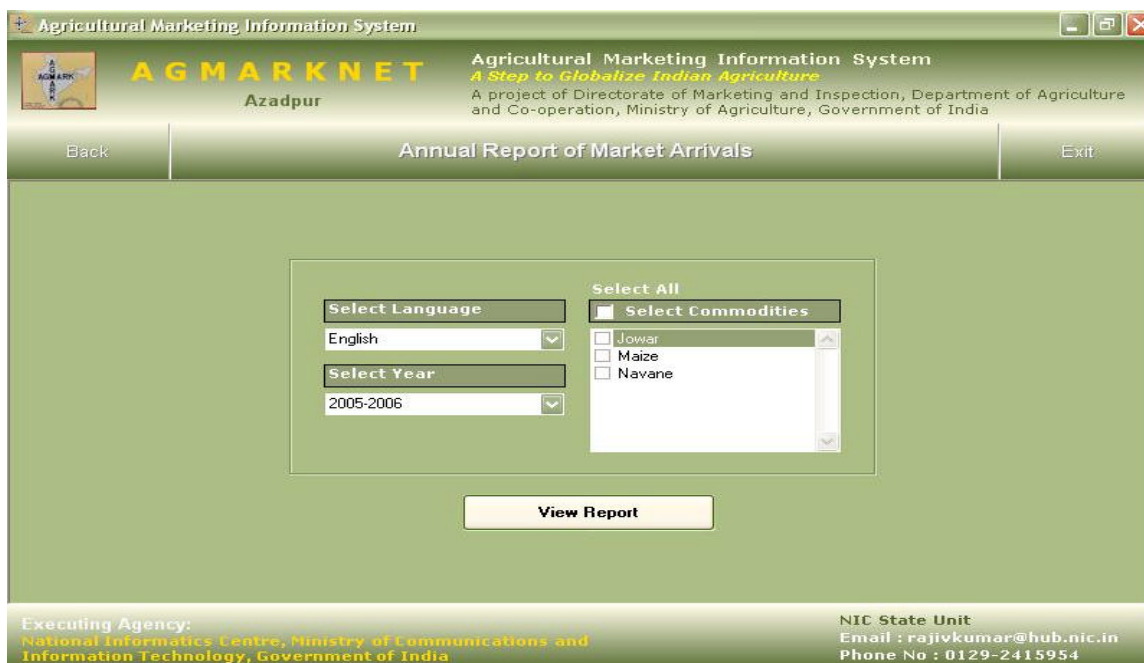
Commodity	Quantity	Unit	Variety	Origin	Grade	Min Price	Max Price	Mod Price	Rs. Per
Arhar (Tur)	453.00	Quintal	Arhar (Whole)		FAQ	1,423.00	1,570.00	1,496.00	Quintal
Bajra	40.00	Quintal	Deshi		FAQ	531.00	531.00	531.00	Quintal
Bengal Grams	14.00	Quintal	Desi (Whole)		FAQ	1,550.00	1,550.00	1,550.00	Quintal
Green Gram Dal	5.00	Quintal	Green Gram Dal		FAQ	1,350.00	1,350.00	1,350.00	Quintal
Mustard	31.00	Quintal							

Current Page No: 1 Total Page No: 1 Zoom Factor: 85%

Figure – 4.46

4.5.2. Annual Market Arrivals Report

This option is used to generate the Report on Market Arrivals of Commodities for each month of the selected year. After selecting this option the screen will be displayed as shown in Figure-4.47



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Back Annual Report of Market Arrivals Exit

Select Language: English
Select Year: 2005-2006

Select All
Select Commodities:
☐ Jowar
☐ Maize
☐ Navane

View Report

Executing Agency:
National Informatics Centre, Ministry of Communications and Information Technology, Government of India

NIC State Unit
Email : rajivkumar@hub.nic.in
Phone No : 0129-2415954

Figure – 4.47

- . Following are the steps required to generate the report:
 - a. Select the Language in which the report is to be generated,
 - b. Select the Year for which the report is to be generated

After clicking the “View Report” button, the report will be generated as shown in Figure-4.48. Click the “Print” button to print this report.

Report Viewer

MainReport

ANNUAL REPORT OF MARKET ARRIVALS FOR THE YEAR 2004 - 2005
Market Centre : NARELA

Commodity	Unit	April	May	June	July	Aug	Sept	Oct	Nov	Dec	Jan	Feb	March	Total
Wheat	Quintal	327,076.00	70,312.00	44,707.00	33,088.00	28,990.00	21,666.00	19,129.00	17,779.00	16,192.00	11,786.00	13,568.00	11,516.00	615,769.00
Paddy	Quintal	44,729.00	15,239.00	10,993.00	6,139.00	3,144.00	38,391.00	753,897.00	970,626.00	531,103.00	253,200.00	174,422.00	66,644.00	2,868,627.00
Rice	Quintal	0.00	51.00	4.00	0.00	5.00	0.00	0.00	0.00	0.00	0.00	0.00	50.00	110.00
Maize	Quintal	0.00	0.00	27.00	4.00	15.00	40.00	390.00	325.00	237.00	120.00	23.00	43.00	1,224.00
Jowar	Quintal	34.00	150.00	0.00	15.00	0.00	0.00	0.00	0.00	0.00	0.00	2.00	3.00	204.00
Bengal Grams	Quintal	1,230.00	187.00	95.00	5.00	21.00	92.00	83.00	178.00	88.00	114.00	77.00	72.00	2,342.00
Black Grams	Quintal	49.00	101.00	24.00	37.00	30.00	34.00	33.00	6.00	29.00	0.00	30.00	25.00	398.00
Mustard	Quintal	17,580.00	2,404.00	1,091.00	1,036.00	1,975.00	2,271.00	2,076.00	1,451.00	1,326.00	1,106.00	670.00	5,387.00	38,373.00
Sunflower	Quintal	0.00	129.00	665.00	96.00	21.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	911.00
Bajra	Quintal	0.00	0.00	2.00	2.00	6.00	160.00	839.00	1,391.00	1,111.00	382.00	118.00	30.00	4,241.00
Barley	Quintal	1,034.00	362.00	188.00	87.00	25.00	38.00	24.00	51.00	24.00	25.00	4.00	128.00	1,990.00
Methi	Tonne	10.00	8.00	0.00	7.00	2.00	0.00	15.00	0.00	0.00	0.00	0.00	0.00	42.00
Sugar	Quintal	25.00	41.00	0.00	18.00	0.00	0.00	0.00	22.00	21.00	0.00	20.00	0.00	147.00
Arhar (Tur)	Quintal	6,717.00	2,956.00	985.00	425.00	124.00	250.00	176.00	43,318.00	42,619.00	11,482.00	4,421.00	4,722.00	118,195.00
Green Peas	Quintal	0.00	0.00	0.00	6.00	0.00	0.00	0.00	0.00	2.00	0.00	0.00	0.00	8.00
Binoula	Quintal	205.00	33.00	23.00	69.00	0.00	82.00	81.00	147.00	101.00	46.00	73.00	0.00	860.00
Toria	Tonne	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	289.00	82.00	26.00	4.00	401.00
Gur(Jaggary)	Quintal	0.00	72.00	34.00	0.00	16.00	36.00	0.00	0.00	0.00	0.00	18.00	0.00	176.00
Gwar	Tonne	16.00	43.00	1.00	20.00	50.00	13.00	53.00	189.00	149.00	35.00	43.00	48.00	660.00

Current Page No: 1 Total Page No: 1 Zoom Factor: 66%

Figure – 4.48

4.5.3. Comparative Market Arrivals Report for a Selected Period

This option is used to generate the Report on Last 2 Years comparison of Market Arrivals of selected Commodities for a selected Period. After selecting this option the screen will be displayed as shown in Figure-4.49.

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 Azadpur
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 A project of Directorate of Marketing and Inspection, Department of Agriculture and Co-operation, Ministry of Agriculture, Government of India

Back Comparative Report of Market Arrivals for a Selected Period Exit

Select Language

English

Select Start Date

2/ 8 /2005

Select End Date

2/ 8 /2005

View Arrivals In

Tonne

Select All

☐ Select Commodities
☐ Jowar
☐ Maize
☐ Navane

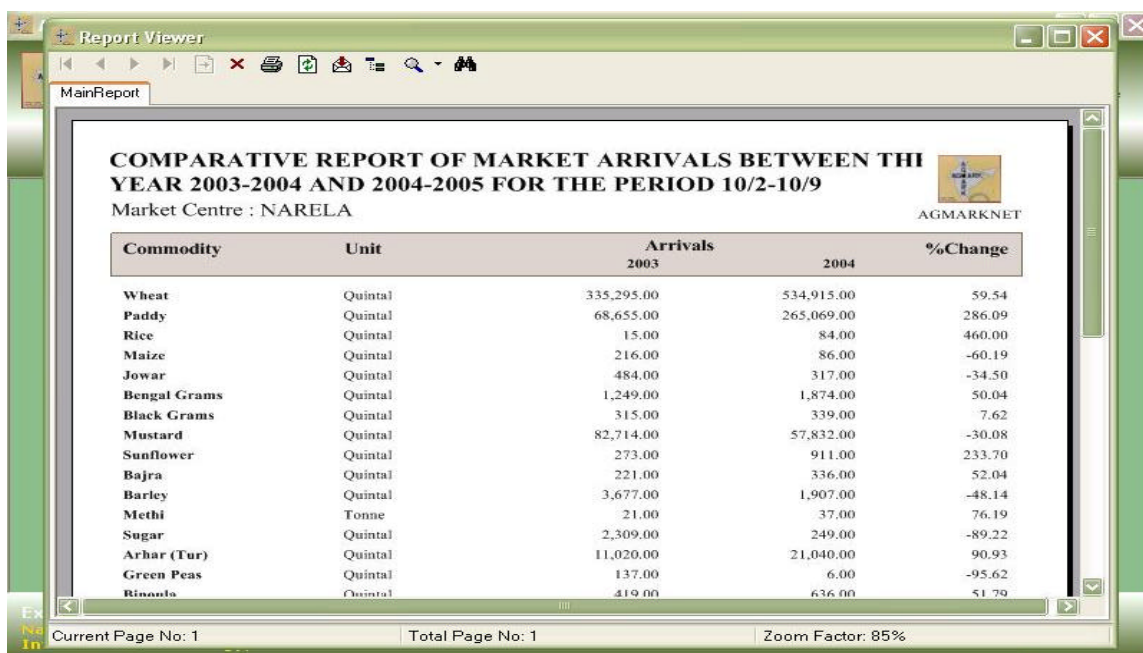
View Report

Figure – 4.49

Following are the steps required to generate the report:

- b. Select the language in which the report is to be generated,
- c. Select the Period for which the comparison is to made,
- d. Select the commodities for which the market arrivals are to be compared,
- e. Select the unit in which the prices will be calculated. For example, If user select Quintal, the prices in the report will be shown as Rs. Per Quintal

After clicking the “View Report” button, the report will be displayed as shown in Figure-4.50.



COMPARATIVE REPORT OF MARKET ARRIVALS BETWEEN THE YEAR 2003-2004 AND 2004-2005 FOR THE PERIOD 10/2-10/9
Market Centre : NARELA

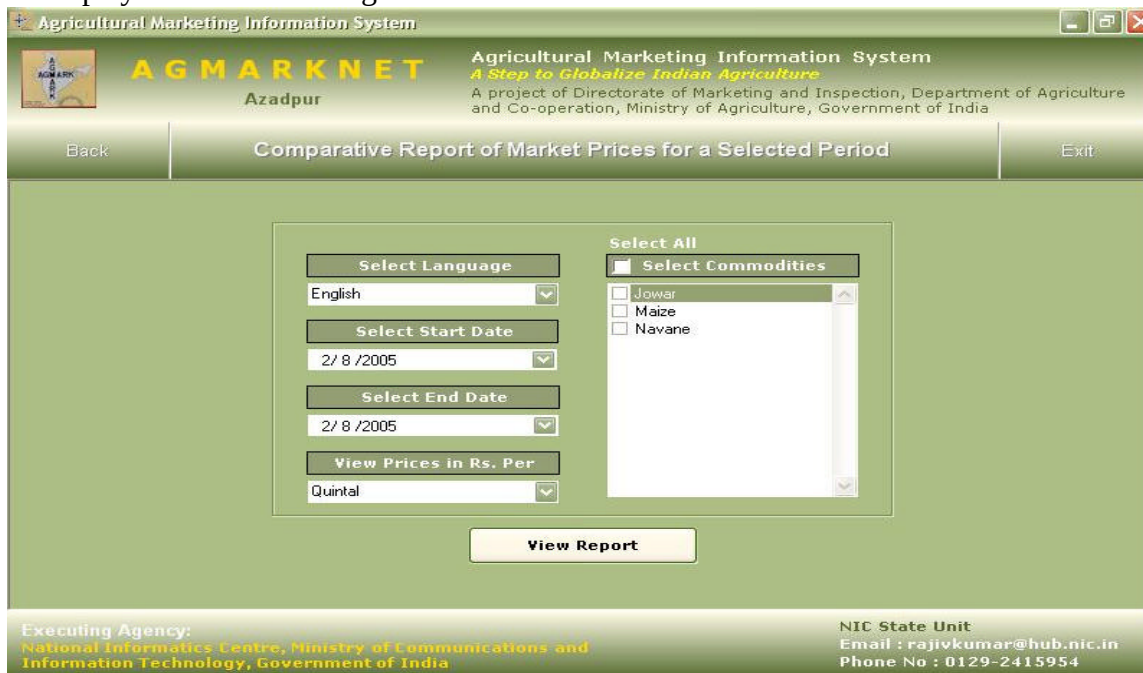
Commodity	Unit	Arrivals		%Change
		2003	2004	
Wheat	Quintal	335,295.00	534,915.00	59.54
Paddy	Quintal	68,655.00	265,069.00	286.09
Rice	Quintal	15.00	84.00	460.00
Maize	Quintal	216.00	86.00	-60.19
Jowar	Quintal	484.00	317.00	-34.50
Bengal Grams	Quintal	1,249.00	1,874.00	50.04
Black Grams	Quintal	315.00	339.00	7.62
Mustard	Quintal	82,714.00	57,832.00	-30.08
Sunflower	Quintal	273.00	911.00	233.70
Bajra	Quintal	221.00	336.00	52.04
Barley	Quintal	3,677.00	1,907.00	-48.14
Methi	Tonne	21.00	37.00	76.19
Sugar	Quintal	2,309.00	249.00	-89.22
Arhar (Tur)	Quintal	11,020.00	21,040.00	90.93
Green Peas	Quintal	137.00	6.00	-95.62
Bimoda	Quintal	419.00	636.00	51.79

Current Page No: 1 Total Page No: 1 Zoom Factor: 85%

Figure – 4.50

4.5.4. Comparative Market Prices Report for a Selected Period

This option is used to generate the Report on Last 2 Years comparison of Market Prices of selected Commodities for a selected Period. After selecting this option the screen will be displayed as shown in Figure-4.51



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Back **Comparative Report of Market Prices for a Selected Period** Exit

Select Language

English

Select Start Date

2/8/2005

Select End Date

2/8/2005

View Prices in Rs. Per

Quintal

Select All

Select Commodities

☐ Jowar

☐ Maize

☐ Navane

View Report

Executing Agency:
National Informatics Centre, Ministry of Communications and Information Technology, Government of India

NIC State Unit
Email : rajivkumar@hub.nic.in
Phone No : 0129-2415954

Figure – 4.51

Following are the steps required to generate the report

- Select the language in which the report is to be generated,
- Select the Period for which the comparison is to made,
- Select the Commodities for which the Market Prices are to be compared,
- Select the Unit in which the prices will be calculated. For example, If user select Quintal, the prices in the report will be shown as Rs. Per Quintal

After clicking the “View Report” button, the report will be displayed as shown in Figure-4.52.

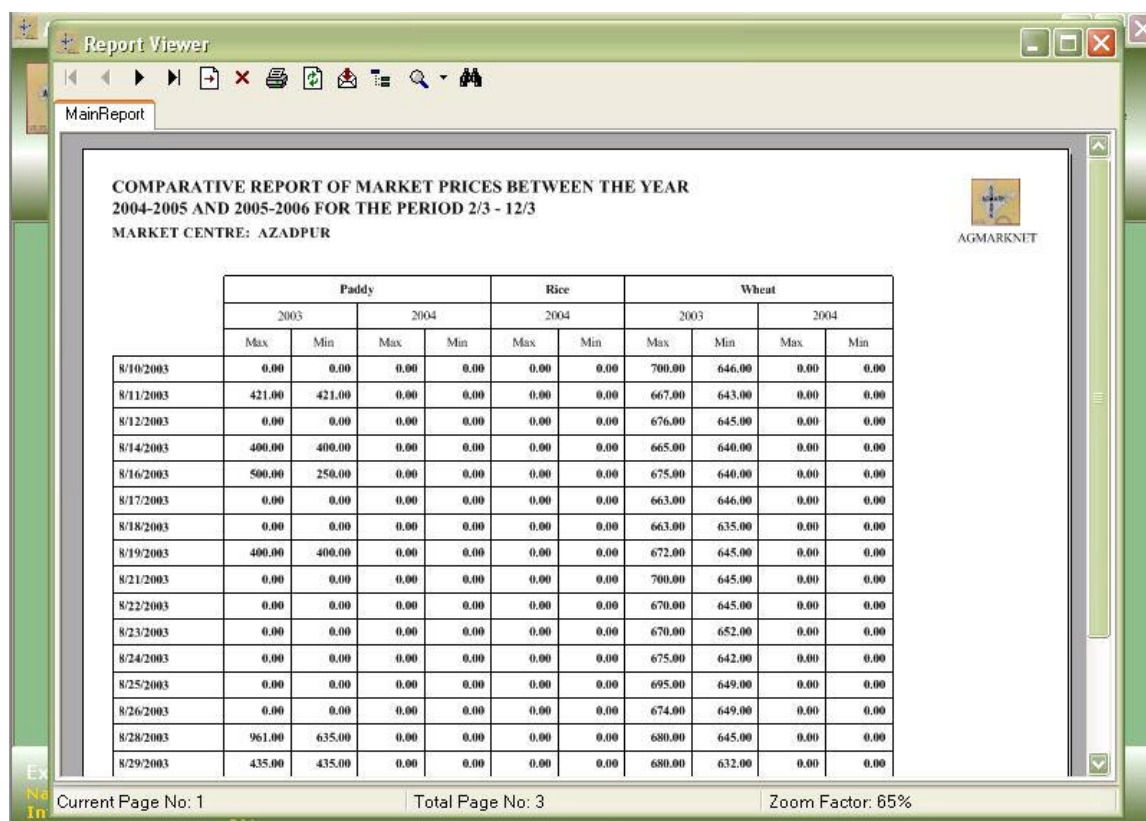


Figure – 4.52

4.5.5. Last 4 Weeks Market Trend Report

This option is used to generate the Trend Report on last 4 weeks trend of Market Arrivals and Prices of selected Commodities. After selecting this option the screen will be displayed as shown in Figure-4.5.5.1.

The screenshot displays the AGMARKNET web application interface. At the top, there is a header bar with the National Informatics Centre logo on the left and the text 'User Manual – AGMARKNET s/w' on the right. Below the header, the main content area has a green background. On the left, there is a sidebar with a 'Back' button. The main area contains a title 'Market Trend Report of Last 4 Weeks' and an 'Exit' button. Below the title, there is a form with several sections: 'Select Language' with a dropdown menu showing 'English'; 'Select Ending Date' with a date field showing '16/07/2005'; 'View Arrivals in' with a dropdown menu showing 'Tonne'; and 'View Prices in Rs. Per' with a dropdown menu showing 'Quintal'. To the right of these sections is a 'Select All' section with a 'Select Commodities' checkbox and a list of commodities: Jowar, Maize, and Navane. Below the form is a 'View Report' button. At the bottom of the page, there is a footer with contact information for the Executing Agency (National Informatics Centre, Ministry of Communications and Information Technology, Government of India) and the NIC State Unit (Email: rajivkumar@hub.nic.in, Phone No: 0129-2415954).

Figure – 4.53

Following are the steps required to generate the report:

- Select the language in which the report is to be generated,
- Select the Ending Day of the last 4 Weeks,
- Select the commodities for which the Market Arrivals and Prices are to be compared,
- Select the Unit in which the arrivals are to be calculated,
- Select the Unit in which the prices are to be calculated. For example, If Quintal is selected as Unit, the prices in the report will be shown as Rs. Per Quintal

After clicking the “View Report” button, the report will be displayed as shown in Figure-4.54.

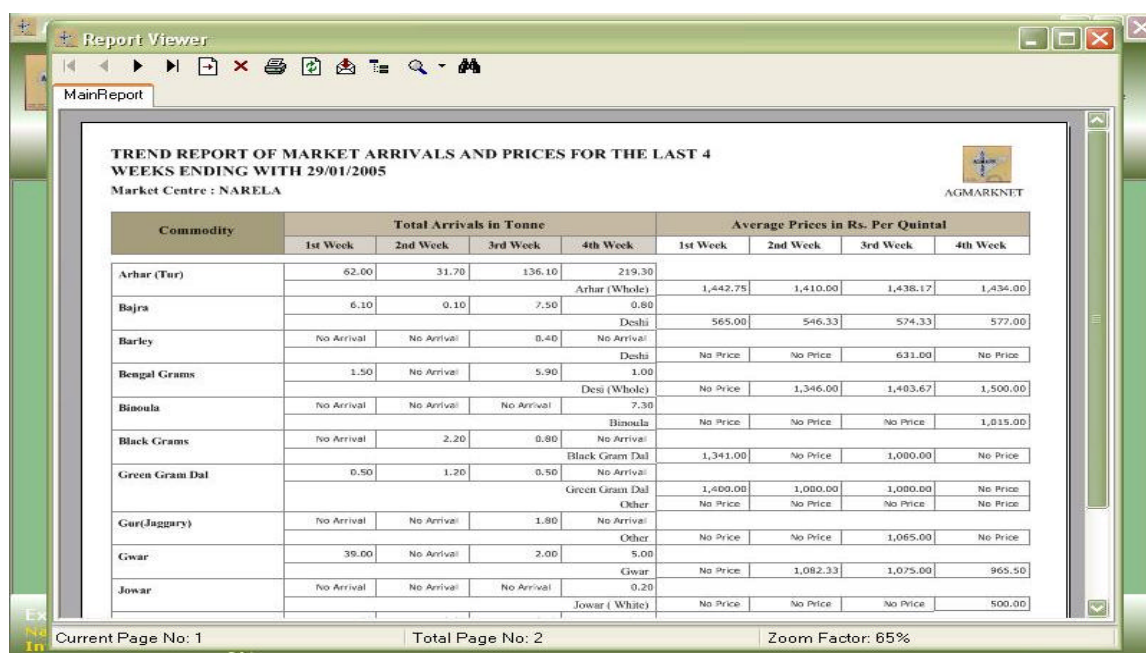


Figure – 4.54

4.5.6. Last 15 Days Comparative Report

This option is used to generate the Report on Last 15 Days comparison of Market Arrivals and Prices of a selected Commodity. After selecting this option the screen will be displayed as shown in Figure-4.55

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Back **Comparative Report of Last 15 Days for a Selected Commodity** Exit

Select Language: English
Select Ending Date: 2/8/2005
View Arrivals In: Tonne
View Prices in Rs. Per: Quintal
Select Commodity: Jowar
Select All
Select Varieties

View Report

Executing Agency:
National Informatics Centre, Ministry of Communications and Information Technology, Government of India

NIC State Unit
Email : rajivkumar@hub.nic.in
Phone No : 0129-2415954

Figure – 4.55

Following are the steps required to generate the report:

- Select the Language in which the report is to be generated,
- Select the Ending Day of the Last 15 Days,
- Select the Commodity for which the Market Arrivals and Prices are to be compared,
- Select the Unit in which the arrivals are to be calculated,
- Select the Unit in which the prices are to be calculated. For example, If Quintal is selected as Unit, the prices in the report will be shown in Rs. Per Quintal

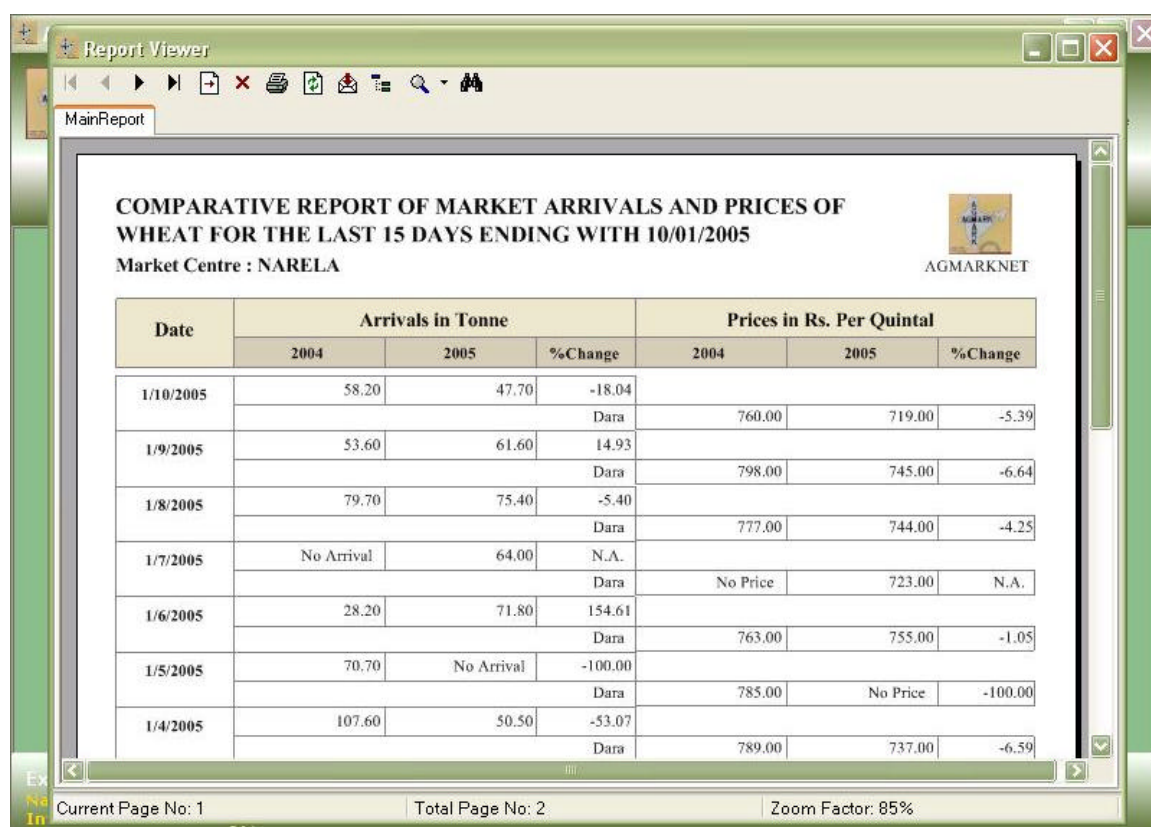


Figure – 4.56

4.5.7. Last 8 Weeks Comparative Report

This option is used to generate the Report on Last 8 Weeks comparison of Market Arrivals and Prices of a selected Commodity. After selecting this option the screen will be displayed as shown in Figure – 4.57.

The screenshot shows the 'Agricultural Marketing Information System' (AGMARKNET) interface. The header includes the system name and a description: 'A Step to Globalize Indian Agriculture'. Below the header, there are navigation buttons: 'Back', 'Comparative Report of Last 8 Weeks for a Selected Commodity', and 'Exit'. The main content area contains a form with several dropdown menus and buttons:

- Select Language:** A dropdown menu with 'English' selected.
- Select Ending Date:** A dropdown menu with '2/8/2005' selected.
- View Arrivals in:** A dropdown menu with 'Tonne' selected.
- View Prices in Rs. Per:** A dropdown menu with 'Quintal' selected.
- Select Commodity:** A dropdown menu with 'Jowar' selected.
- Select All:** A button.
- Select Varieties:** A button.
- View Report:** A large button at the bottom of the form.

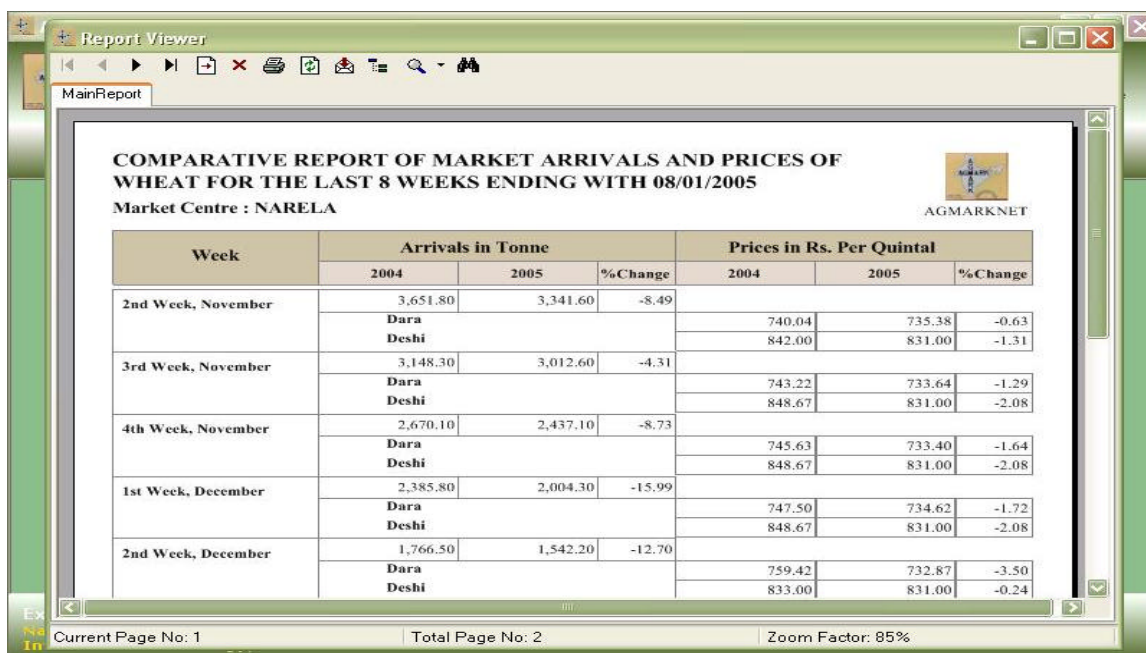
The footer contains contact information for the executing agency and the NIC State Unit.

Figure – 4.57

Following are the steps required to generate the report:

- Select the Language in which the report is to be generated,
- Select the Ending Day of the Last 8 Weeks,
- Select the Commodity for which the Market Arrivals and Prices are to be compared,
- Select the Unit in which the arrivals are to be calculated,
- Select the Unit in which the prices are to be calculated. For example, If Quintal is selected as Unit, the prices in the report will be shown as Rs. Per Quintal

After clicking the “View Report” button, the report will be displayed as shown in Figure-4.58.



COMPARATIVE REPORT OF MARKET ARRIVALS AND PRICES OF WHEAT FOR THE LAST 8 WEEKS ENDING WITH 08/01/2005
Market Centre : NARELA

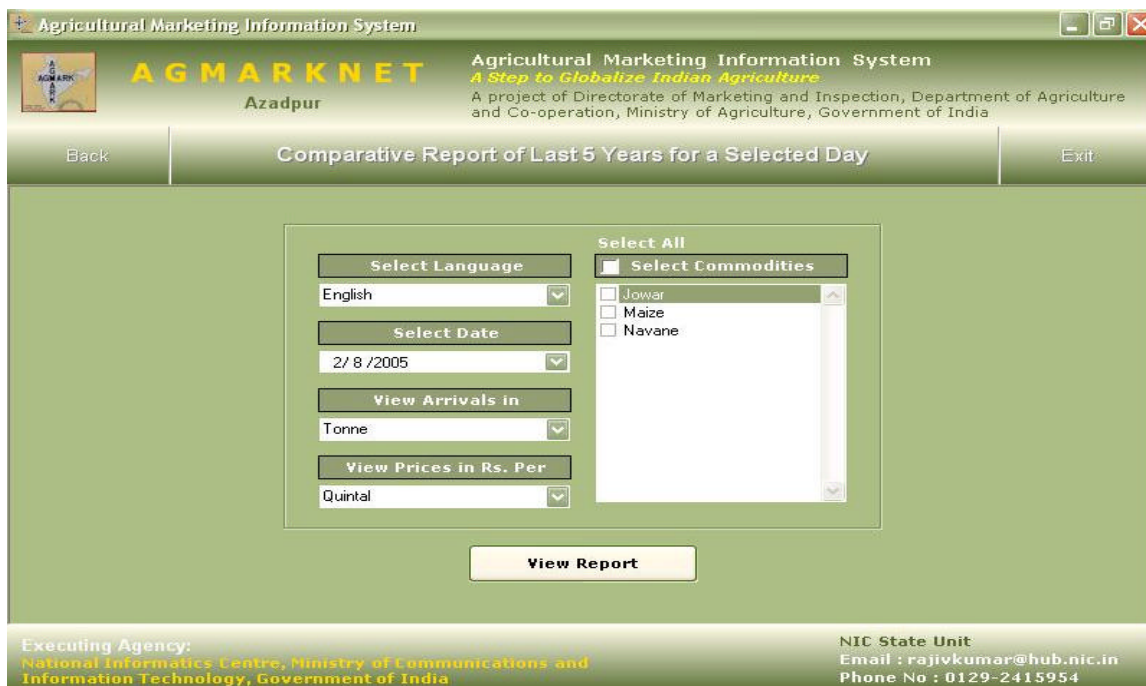
Week	Arrivals in Tonne			Prices in Rs. Per Quintal		
	2004	2005	%Change	2004	2005	%Change
2nd Week, November	3,651.80	3,341.60	-8.49			
	Dara			740.04	735.38	-0.63
	Deshi			842.00	831.00	-1.31
	3,148.30	3,012.60	-4.31			
3rd Week, November				743.22	733.64	-1.29
				848.67	831.00	-2.08
4th Week, November	2,670.10	2,437.10	-8.73			
	Dara			745.63	733.40	-1.64
	Deshi			848.67	831.00	-2.08
	2,385.80	2,004.30	-15.99			
1st Week, December				747.50	734.62	-1.72
				848.67	831.00	-2.08
2nd Week, December	1,766.50	1,542.20	-12.70			
	Dara			759.42	732.87	-3.50
	Deshi			833.00	831.00	-0.24

Current Page No: 1 Total Page No: 2 Zoom Factor: 85%

Figure – 4.58

4.5.8. Last 5 Years Comparative Report for a Selected Day

This option is used to generate the Report on Last 5 years comparison of Market Arrivals and Prices of selected Commodities for a selected day. After selecting this option the screen will be displayed as shown in Figure - 4.59.



Agricultural Marketing Information System
AGMARKNET
Azadpur

Back **Comparative Report of Last 5 Years for a Selected Day** Exit

Select Language: English
Select Date: 2/8/2005
View Arrivals in: Tonne
View Prices in Rs. Per: Quintal

Select All
Select Commodities:
☐ Jowar
☐ Maize
☐ Navane

View Report

Executing Agency:
National Informatics Centre, Ministry of Communications and
Information Technology, Government of India

NIC State Unit
Email : rajivkumar@hub.nic.in
Phone No : 0129-2415954

Figure – 4.59

Following are the steps required to generate the report:

- Select the Language in which the report is to be generated,
- Select the Day of the last 8 Weeks,
- Select the Unit in which the arrivals are to be calculated,
- Select the Unit in which the prices are to be calculated. For example, If Quintal is selected as Unit, the prices in the report will be shown as Rs. Per Quintal

After clicking the “View Report” button, the report will be displayed as shown in Figure – 4.60

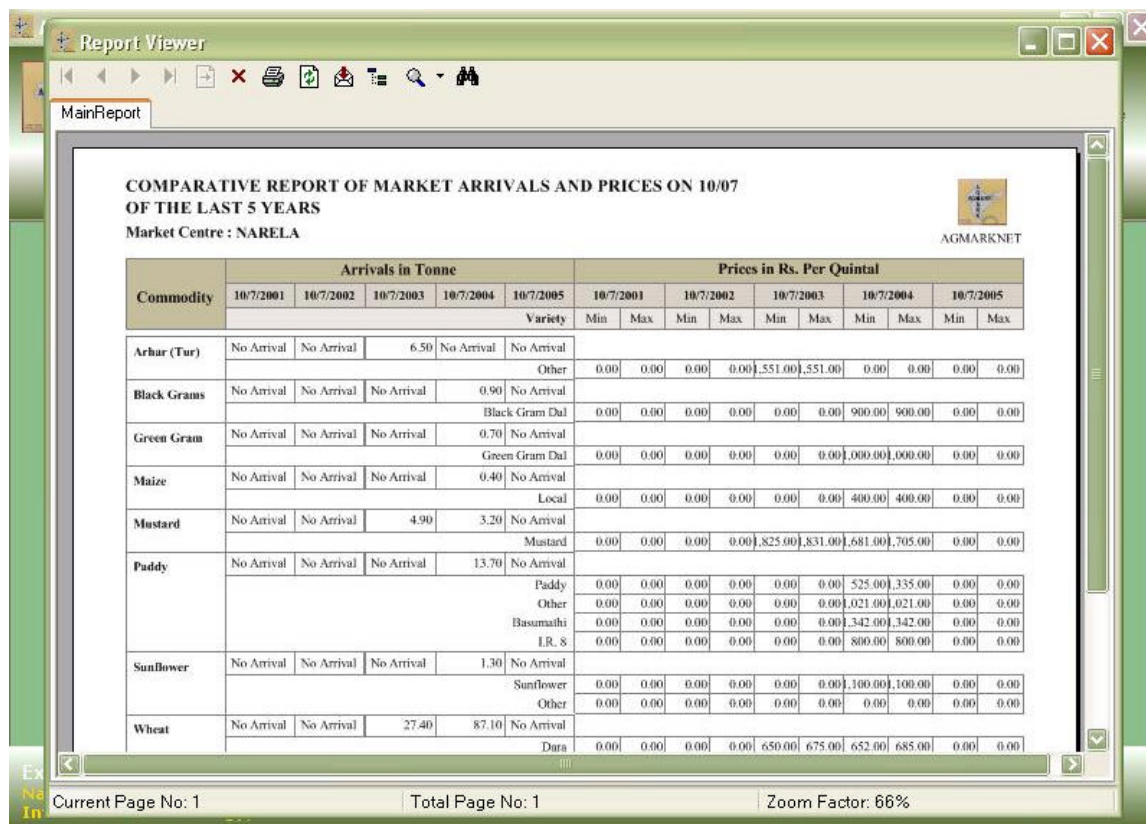


Figure – 4.60

4.5.9. Data Reporting Status

This option is used to generate the Report on No Transactions and Market Data Sent to the headquarters for a Selected Period. After selecting this option the screen will be displayed as shown in Figure – 4.61.

AGMARKNET
Azadpur

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Back Data Reporting Status Report Exit

Select Language
English

Select Start Date
2/8/2005

Select End Date
2/8/2005

View Report

Executing Agency:
National Informatics Centre, Ministry of Communications and Information Technology, Government of India

NIC State Unit
Email : rajivkumar@hub.nic.in
Phone No : 0129-2415954

Figure – 4.61

Following are the steps required to generate the report:

- Select the Language in which the report is to be generated,
- Select the Period for which the report is to generated.

After clicking the “View Report” button, the report will be displayed as shown in Figure-4.62

Report Viewer

MainReport

REPORT ON DATA SENT TO HEADQUARTERS FOR THE PERIOD 05/07/2004 - 15/07/2004
Market Centre : NARELA

Arrival Date	Status
5/7/2004	No Data Sent
6/7/2004	No Data Sent
7/7/2004	No Data Sent
8/7/2004	No Data Sent
9/7/2004	No Transaction
9/7/2004	No Data Sent
10/7/2004	Data Sent
10/7/2004	No Data Sent
11/7/2004	Data Sent
11/7/2004	No Data Sent
12/7/2004	No Data Sent
13/7/2004	Data Sent
13/7/2004	No Data Sent
14/7/2004	No Data Sent
15/7/2004	No Data Sent

Current Page No: 1 Total Page No: 1 Zoom Factor: 85%

Figure – 4.62

5. AGMARKNET Portal

Data sent by markets is uploaded on AGMARKNET portal (<http://agmarknet.nic.in>). (Figure 5.1). Presently, this data is being updated twice a day between 1:00 PM and 2:00 PM and between 6:00 PM and 7:00 PM. User may check up the data on the portal for his market daily (After 1:00 PM if data is sent before 1:00 PM and after 6:00 PM, if data is sent after 1:00 PM). (Figure 5.1)

To check the data

- ? Select link
“Prices & Arrival”->National Bulletin->Market-wise, Commodity-wise daily report.
- ? Select the date for which data to be checked.
- ? Select State and market

Data is displayed as shown in Figure 5.2

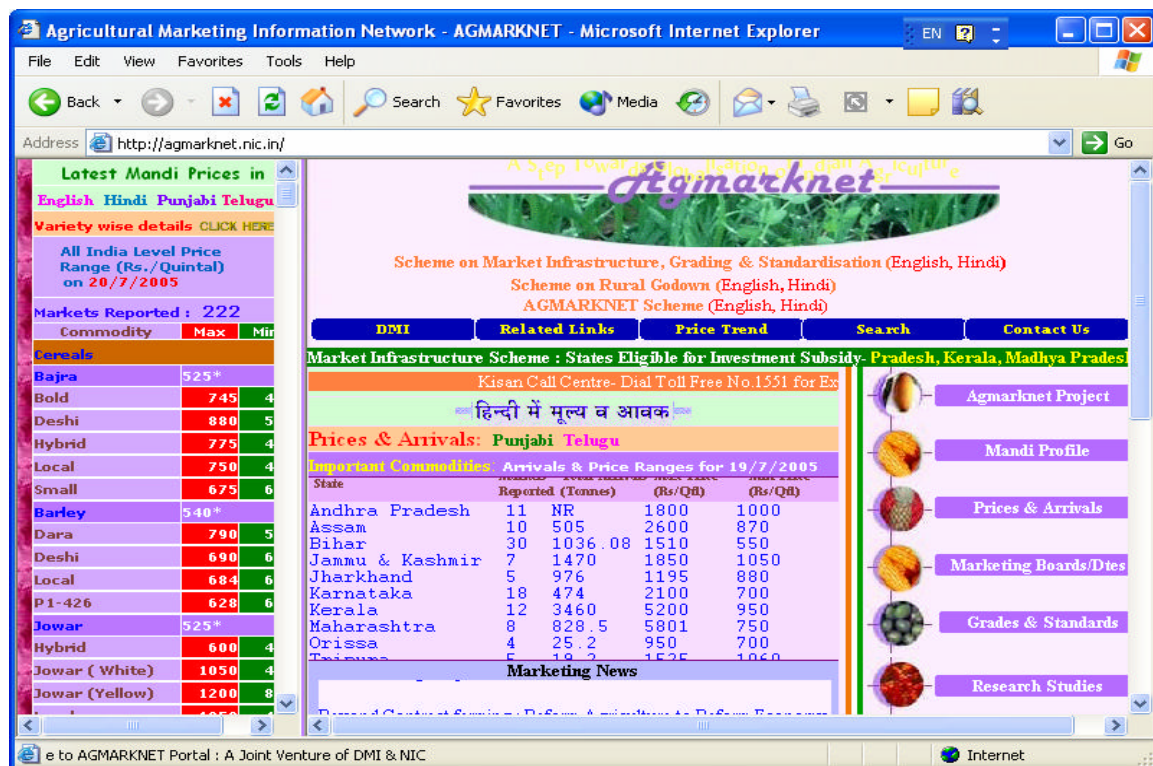


Figure – 5.1

COMMODITY - Microsoft Internet Explorer

Address: <http://agmarknet.nic.in/mkt1.asp>

Market-wise, Commodity-wise Daily Report On 20/07/2005

NR: Not Reported NCT of Delhi

Market: Azadpur

Commodity	Arrivals (Tonnes)	Origin	Variety	Grade	Minimum Price (Rs./Quintal)	Maximum Price (Rs./Quintal)	Modal Price (Rs./Quintal)
Apple	611	NR	Red June	Small	1944	3333	2222
Banana	1628	NR	Khandesh	Small	500	630	600
Mango	1756	NR	Dinga	Small	1000	1250	1188
			Dusheri	Small	1125	2000	1813
Mousambi	800	NR	Mousambi	Small	700	1300	900
Papaya	140	NR	Papaya	Small	400	800	600
Peach	62	NR	Other	Small	1067	2600	1500
Pears	299	NR	Other	Small	833	1667	1500
Pomegranate	356	NR	Pomogranate	Small	1000	3000	1750
Water Melon	6	NR	Water Melon	Small	225	400	375
Bhindi(Ladies Finger)	78	NR	Bhindi	-	875	1250	1188
Bitter gourd	51	NR	Bitter Gourd	-	875	1125	1000

Figure – 5.2

Besides this AGMARKNET portal provides useful information on

Prices and Arrivals

- ? About 300 commodities and 2000 varieties categorized into Cereals, Pulses, Spices, Oilseeds, Fibre crops, Fruits and Vegetables, Forest Products, Beverages, Livestock / Poultry etc
- ? Daily prices and arrivals information from wholesale markets (Maximum, Minimum, Modal, MSP)
- ? Dissemination in local languages (Hindi, Gurumukhi, Telugu. Other major languages will be added subsequently.)
- ? Weekly and monthly prices / arrivals trends
- ? Linked to FAO website for international prices, Food Outlook
- ? Linked to the three National-Commodity Exchanges for future commodity prices

Grades and Standards

Standardization and Grading aspects of agricultural products: AGMARK standards, Codex Standards, PFA Act and Rules

Commodity Profiles

Commodity profiles of Paddy / Rice, Bengal Gram, Red Gram, Mustard – Rapeseed, Mushroom is available. Preparation of commodity profiles for other commodities is in progress and will be added subsequently.

Food Outlook – FAO

“Food Outlook” provides a global perspective on the production, stocks and trade of cereals and other basic food commodities, through an analysis of trends and prospects.

Mandi Profiles

Information like contact details, rail/road connectivity, market charges, infrastructure, arrivals/dispatches of the important commodities, facilities available, sales methods of the markets can be accessed thro’ this link. Markets should keep this information updated. The procedure for updating this information has been explained subsequently.

Agricultural Marketing Boards/Directorates

Linked to websites of State Agricultural Marketing Boards and Directorates and several other agricultural marketing related agencies in public and private domain (NHB, APEDA, NIAM, NAFED, Kisan Krishiworld, AgriWatch, Commodity Exchanges etc)

Schemes related information

Marketing Infrastructure, Grading and Standardisation, Rural Godowns, MRIN – Operational Guidelines and status of schemes

GIS based National Atlas of Agricultural Markets (Under Construction)

Map based interfaces for prices and arrivals, Linkages with Road and Railway network, production areas, marketing infrastructure etc.

The contents in AGMARKNET portal are constantly getting enriched. You are welcome to send feedback for further improvement of the portal service.

6. Mandi Profile

AGMARKNET portal provides useful information about the markets like contact details, rail/road connectivity, market charges, infrastructure, arrivals/dispatches of important commodities, facilities available with the market, sales methods etc. Markets can keep this information updated. To update this information give the URL

<http://agmarknet.nic.in/profile/page1.asp>

The screen will be displayed as shown in the figure 6.1



Figure – 6.1

Select State, District, Market Centre and click “Submit” button. The screen will be displayed as shown in Figure 6.2.



Figure – 6.2

You may display the Market Profile by clicking “Display Market Profile” link, if you have already filled the information.

To update the market profile for your market, enter Username, Password and click Login. The page will be displayed as shown in Figure 6.3. For security, you may change password of your market profile from this screen.

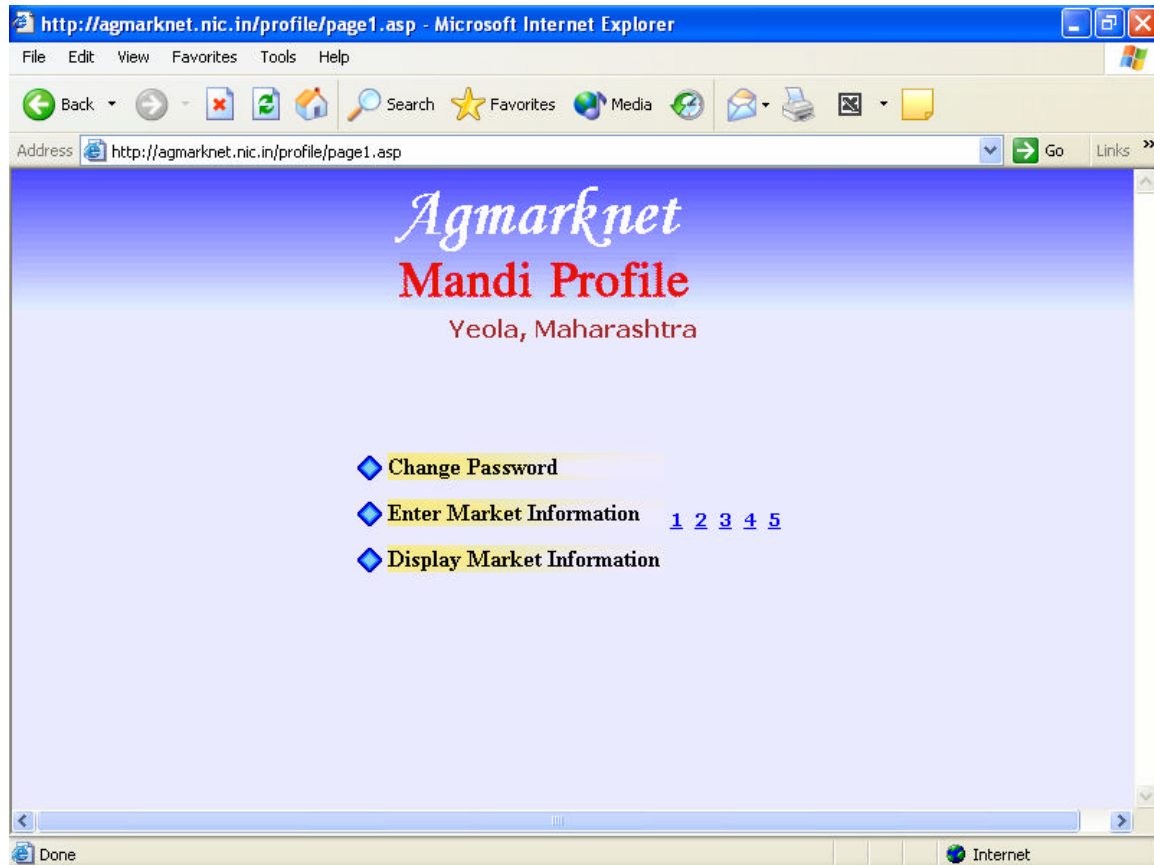


Figure 6.3

6.1. Change Password

Click “Change Password” (Figure 6.3). The screen will be displayed as shown in Figure 6.4. Enter New password. Enter it again for verifying and click submit. The appropriate message will be displayed.



Figure 6.4

6.2. Enter market information

To update the market profile of your market, click the link “Enter Market Information” (Figure 6.3). The market profile information is spread over 5 pages and user can directly go to particular page by clicking on the page number displayed next to link “Enter Market Information”. The pages will be displayed as shown in the Figure 6.5, Figure 6.6, Figure 6.7, Figure 6.8 and Figure 6.9.

User can fill the information and scroll thro’ the pages by clicking the page number links displayed at the bottom of each page (Figure 6.10).

“Submit” button has been provided to save and display the information entered so far. “Go to Main page” takes user back to the main page where user can select market centre. “Reset” button may be used for clearing the fields.

http://agmarknet.nic.in/profile/add1.asp - Microsoft Internet Explorer

File Edit View Favorites Tools Help

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Address http://agmarknet.nic.in/profile/add1.asp Go Links

Agmarknet Mandi Profile

Page1

State: Maharashtra District: Nashik Market: Yeola

GENERAL INFORMATION	
City	Yeola
Postal address	Nagar-Manmad Road, Yeola.
Telephone(With STD Code)	02559-265006/265346
Year of establishment	1955
Population served (in thousands)	255200
Geographical area served (No.of villages)	123
ADMINISTRATION	
Regulated/Unregulated	☒ Regulated ☐ Unregulated

Done Internet

Figure 6.5

http://agmarknet.nic.in/profile/add2.asp - Microsoft Internet Explorer

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Address http://agmarknet.nic.in/profile/add2.asp Go Links

Agmarknet Mandi Profile

Page2

State: Maharashtra District: Nashik Market: Yeola

Please enter information about 10 important Commodity in terms of arrivals

Name of Commodity	Season (From-To)	Peak Season (From-To)	Throughout Season (In MT)			Unit of price e.g. Quintal, Kg etc.	Standard Filling of Pack size e.g. 25 Kg bag etc.	Annual Production (in MT)	Total An
			Average Daily Arrivals	Maximum Daily Arrivals	Minimum Daily Arrivals				
Onion	Nov-Mar	Nov-Mar	500	700	300	Quintal		0	1477813
Wheat	Oct-Feb	Oct-Feb	3	3	1	Quintal		0	585
Bajra	Jun-Sep	Jun-Sep	3	3	2	Quintal		0	9757
Jawar	Nov-Feb	Nov-Feb	1	1	1	Quintal		0	2405
Grams	Oct-Jan	Oct-Jan	1	1	1	Quintal		0	932
Red Gram	Jun-Sep	Jun-Sep	1	1	1	Quintal		0	359
Green Gram	Jun-Jul	Jun-Jul	1	1	1	Quintal		0	2446

Done Internet

Figure 6.6

http://agmarknet.nic.in/profile/add3.asp - Microsoft Internet Explorer

File Edit View Favorites Tools Help

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Address http://agmarknet.nic.in/profile/add3.asp Go Links >>

Agmarknet Mandi Profile

Page3

State: Maharashtra District: Nashik Market: Yeola

Number of licensed wholesale and other functionaries of all categories including Cooperatives			
Name of Functionary	Number of functionaries	License Fee	Number of Years
General Commission A	77	200	1
A Class Purchaser	104	200	1
B Class Merchant	7	100	1
C Class Merchant	36	60	1
C Class Prakriya Merch	3	60	0
A Class 2 Merchant	4	60	1
Chief Grain Shop	15	100	1

Done Internet

Figure 6.7

http://agmarknet.nic.in/profile/add4.asp - Microsoft Internet Explorer

File Edit View Favorites Tools Help

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Address http://agmarknet.nic.in/profile/add4.asp Go Links >>

Agmarknet Mandi Profile

Page4

State: Maharashtra District: Nashik Market: Yeola

Market Functionaries	
Time at which sale begins in the market	Morning 9 a.m. to 12 a.m. & 1
Trading hours	
Time at which sale ends in the market	6 p.m.
Whether Produce is cleaned/graded before sale	☒ Yes ☐ No
Accepted grade in the market	
Farmer level grading in practice	☒ Yes ☐ No
Are there quality disputes?	☒ Yes ☐ No
How are quality disputes settled?	By Mutual & understand of

Done Internet

Figure 6.8

http://agmarknet.nic.in/profile/add5.asp - Microsoft Internet Explorer

File Edit View Favorites Tools Help

Address http://agmarknet.nic.in/profile/add5.asp

Agmarknet Mandi Profile

Page5

State: Maharashtra District: Nashik Market: Yeola

Storage	
Storage facilities available	☐ Yes ☐ No
Number of Ripening chambers	0
Capacity of Ripening chambers	
Availability of Facilities and Services	
Information Notice Board	☐ Yes ☐ No
Public Address System	Yes
Price display on the Notice Board	☐ Yes ☐ No
Producers able to read the information displayed on the Notice board	☐ Yes ☐ No
Canteen	☐ Yes ☐ No

Done Internet

Figure 6.9

http://agmarknet.nic.in/profile/add1.asp - Microsoft Internet Explorer

File Edit View Favorites Tools Help

Address http://agmarknet.nic.in/profile/add1.asp

Nearest place in the hinterland	
Number of Commodities notified under regulation	44
Number of Cold Storages available	0
Capacity of Cold Storages available	
Commodity Wise Processing Units in the market area	NA
Average daily dispatches to outside markets during the season	
Average daily dispatches to outside markets during the peak period	
Names of the traditional markets(important) to which the produce is sent	

PAGE 2 3 4 5 [Display Profile](#)

Done Internet

Figure 6.10

At any stage user can display the market profile information by clicking “Display Profile” link. After clicking this link, the screen will be displayed as shown in figure 6.11



Figure 6.11

7. AGMARKNET Progress Monitoring

The web based system has been developed to enable State Agricultural Marketing Boards/Directorates, State DMI officers and NIC AGMARKNET coordinators to monitor the progress of the project in their respective states. It can be accessed using the link “**Marketing Boards/Dtes**” from AGMARKNET portal home page (Figure 5.1 <http://agmarknet.nic.in>). Click the link “Scheme's Progress in Different States” from the page displayed. The login screen will be displayed.

Using this system the various types of reports can be generated, which give the status of the hardware installation, software installation, connectivity, training and data reporting performance of the markets.

8. Responsibilities

8.1. Responsibilities of National Informatics Centre (NIC)

NIC procures, installs and maintains the hardware, software, connectivity, impart training to computer operators and implements a **customised application software** in the identified **AGMARKNET** Nodes (Wholesale Markets) under this scheme and State Agricultural Marketing Departments/Boards. The major responsibilities of NIC are as follows:-

- * Installation of Hardware / Software at the markets, State Agricultural Marketing Directorates/ Boards and DMI;
- * Networking of market nodes, State Marketing Directorates/Boards and DMI;
- * Training support to the officials at all the three levels to ensure effective use of the computing facilities;
- * Development of application software to up-link data on daily prices (Minimum, Maximum, Modal) [commoditywise, varietywise, originwise, gradewise] and arrivals data [commodity-wise] to DMI Headquarters for updating in the AGMARKNET server for Internet/Intranet Access;
- * Providing necessary support to the users for implementation of the system;
- * Designating Nodal Officers in states for coordinating with the users at AGMARKNET nodes;
- * Support services (Warranty and AMC) to AGMARKNET Nodes for three years from date of installation.

8.2. Responsibilities of the Directorate of Marketing & Inspection (DMI)

The major responsibilities of DMI to implement this scheme is to coordinate with markets to provide all necessary infrastructure like site preparation, electrical points with proper earth pit including sockets with switches, telephone line (with STD if required), space (minimum 100 Sq.feet) and furniture to keep computing system facilities & computer stationary, at Wholesale Markets, State Marketing Directorates, and State Agricultural Marketing Boards.

Power requirement

- * Electrical points - 3 (5 Amp, 3 pin sockets with switches), input to be protected by 6 amp MCB;
- * 220/230 V power supply;

- * Line, neutral & Earth Connections on the specified socket terminals;
- * Proper Earth Pit copper wire earthing (with earth to neutral voltage less than 3 V) with an exclusive phase.

Telephone requirement

- * A dedicated telephone with STD facility (if required) and RJ 11 compatible sockets with two ports near the computer at each site.
- * Timely payment of telephone rentals to ensure smooth connectivity

8.3. Responsibilities of the State Directorates / Marketing Boards / Markets

- * To arrange for recurring expenditure on consumables like floppy boxes, stationary, printer ribbons, printer head, etc.
- * To designate nodal officers for coordination with NIC offices at state and sub-state levels;
- * To extend the necessary assistance to NIC project team for studying the local requirements;
- * To assist NIC State Units, for specifying and translating the software requirements for local language implementation;
- * To maintain the State level Marketing Portals;
- * To ensure that the next incumbents are properly trained, in case of transfer of officials, State Agricultural Marketing Boards and Directorate;
- * To bear TA/DA for the employees attending training programmes;
- * To identify an employee who will be responsible for regular collection and supply of data on daily basis after training, by State Agricultural Marketing Boards and Directorates, and who will also ensure the correctness and authenticity of market data;
- * To generate reports for local dissemination at AGMARKNET Nodes level, using the customised application software;
- * To ensure necessary arrangements for maintenance of computer systems after 3 years from date of installation;
- * To update the portal contents regularly;
- * To liaison with states for ensuring their participation.

The new version of the AGMARKNET software (market level) has been developed using state of the art technology .net. It allows markets to select the data transfer method. The prices and arrivals data can be directly updated in the database by selecting